

FIG. 1

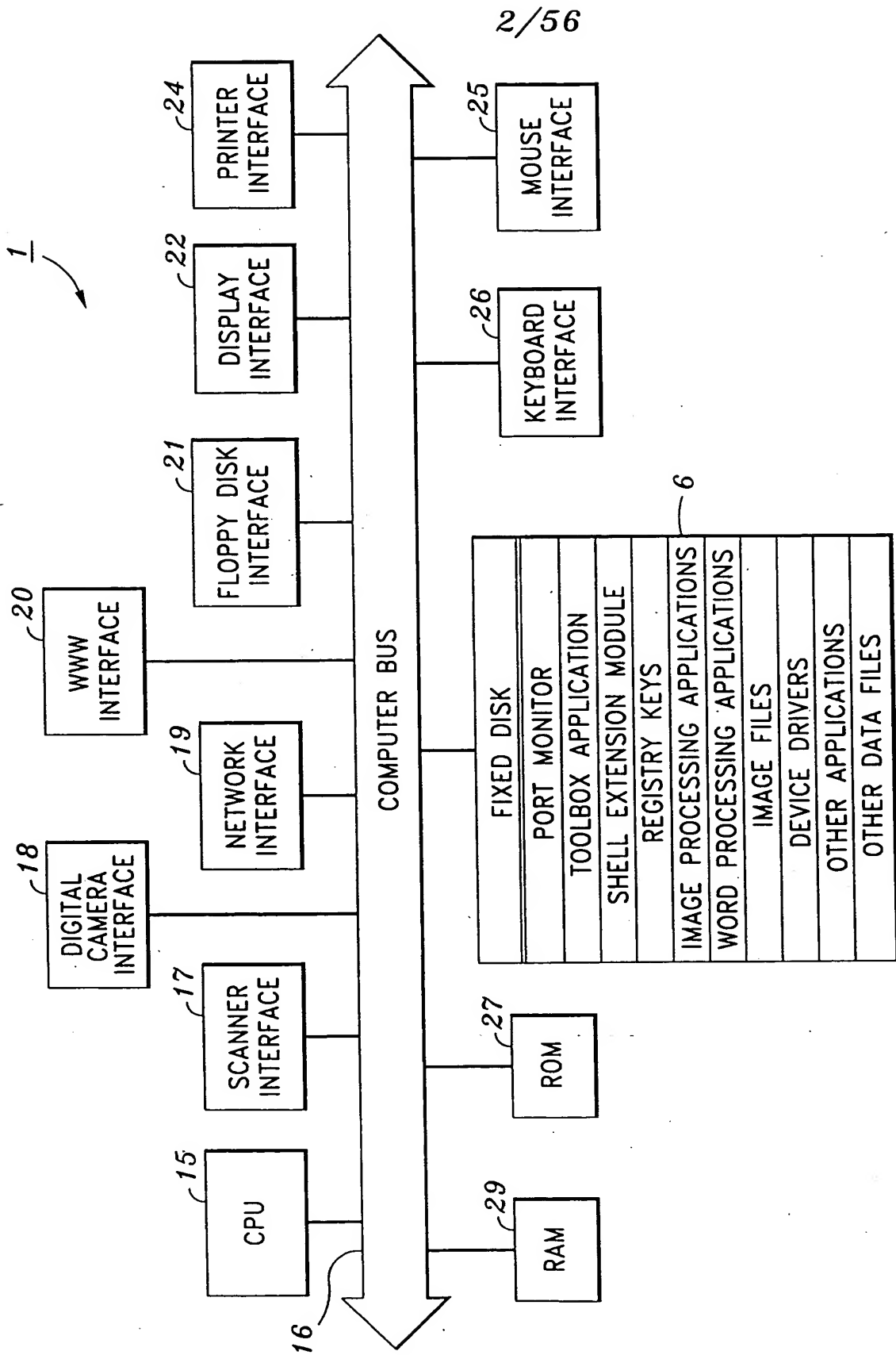


FIG. 2

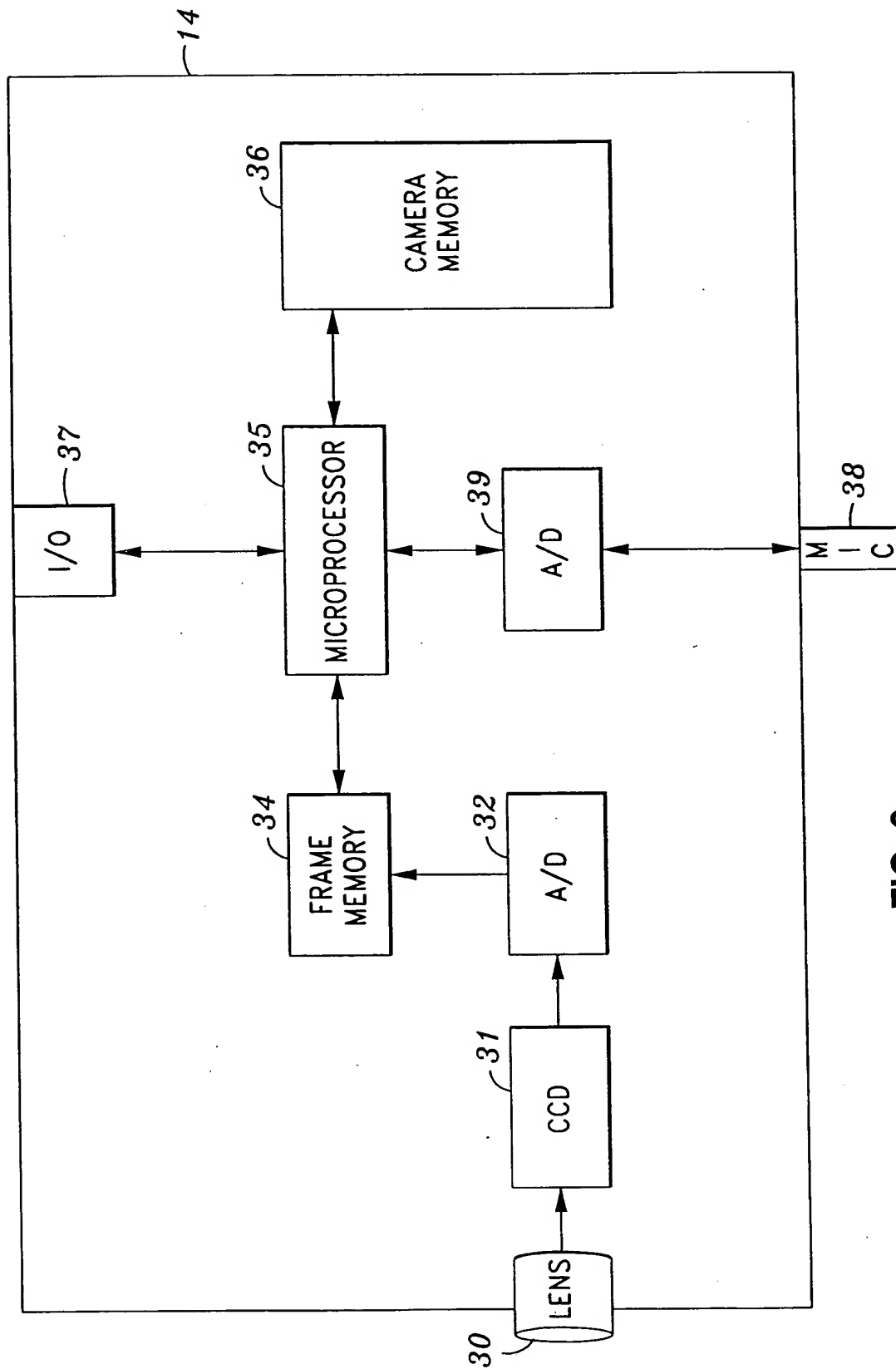
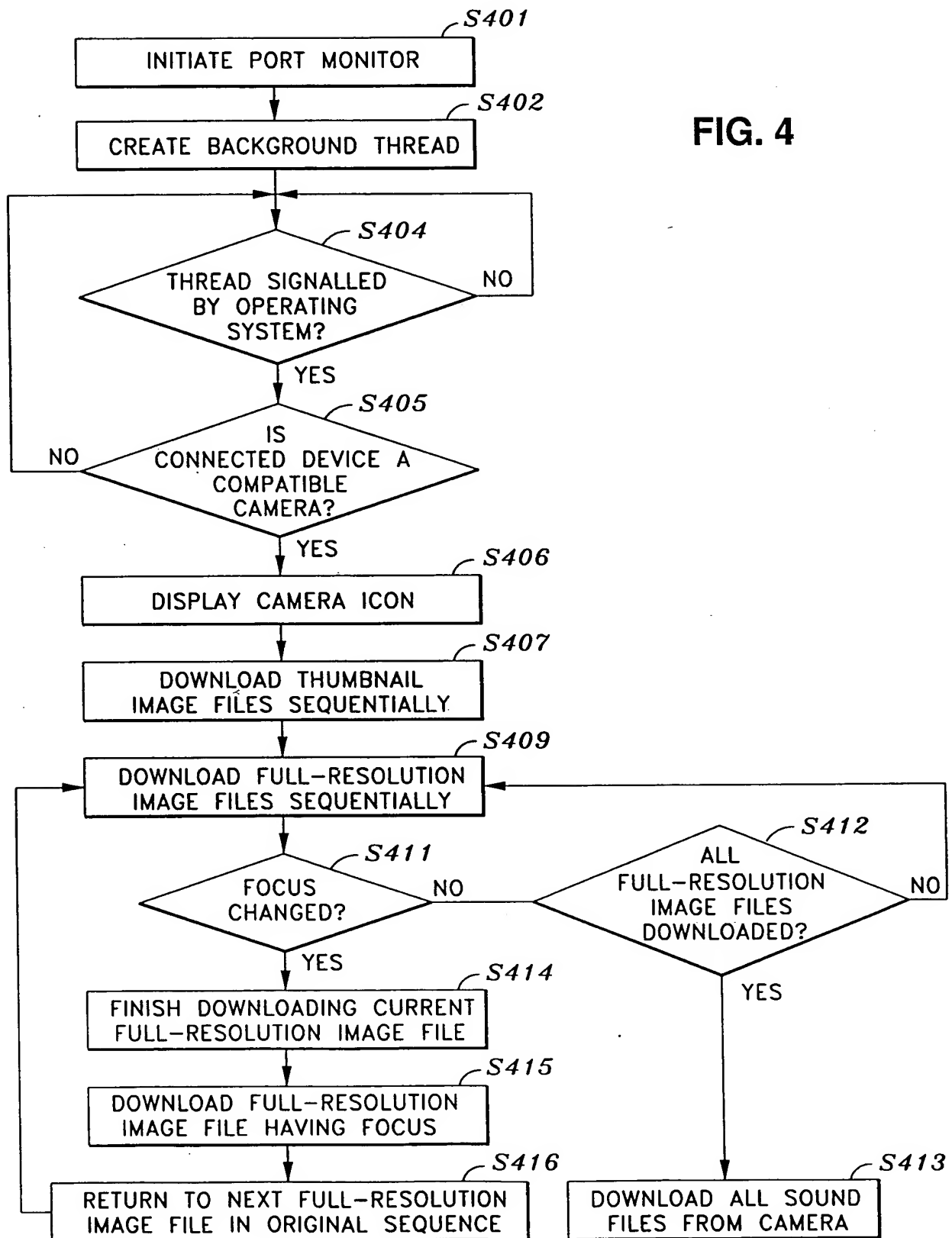


FIG. 3

FIG. 4



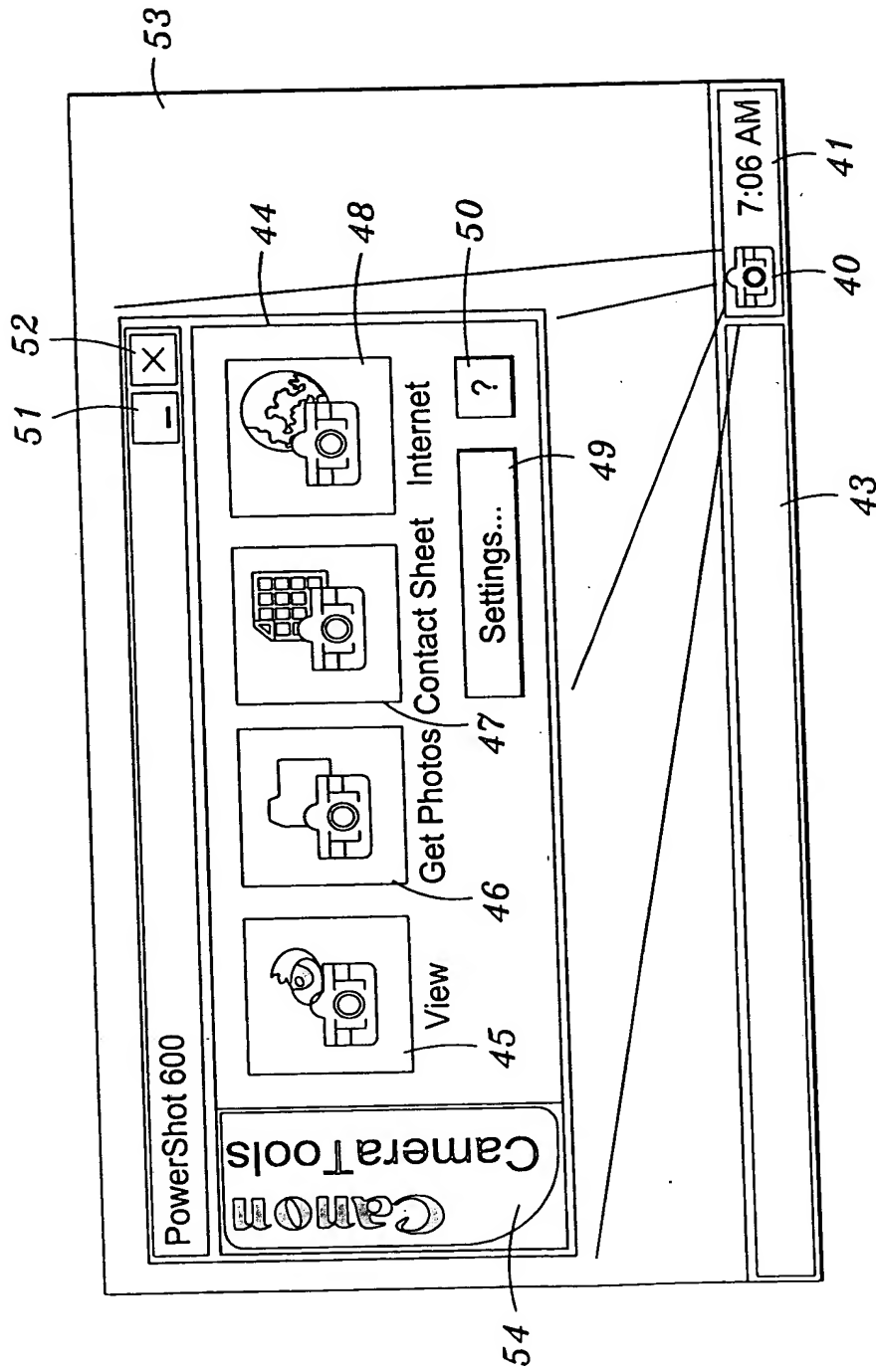


FIG. 5

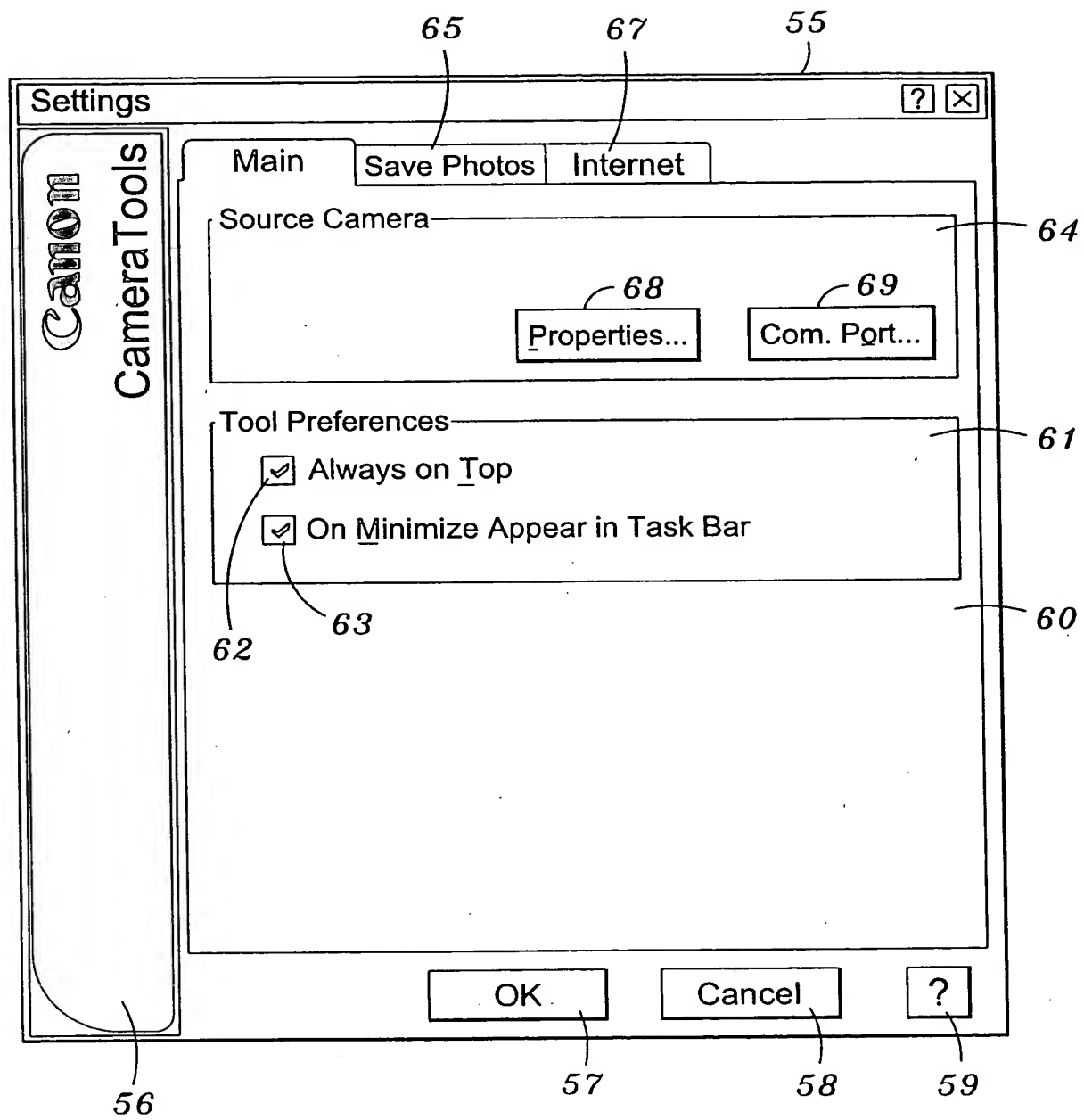


FIG. 6

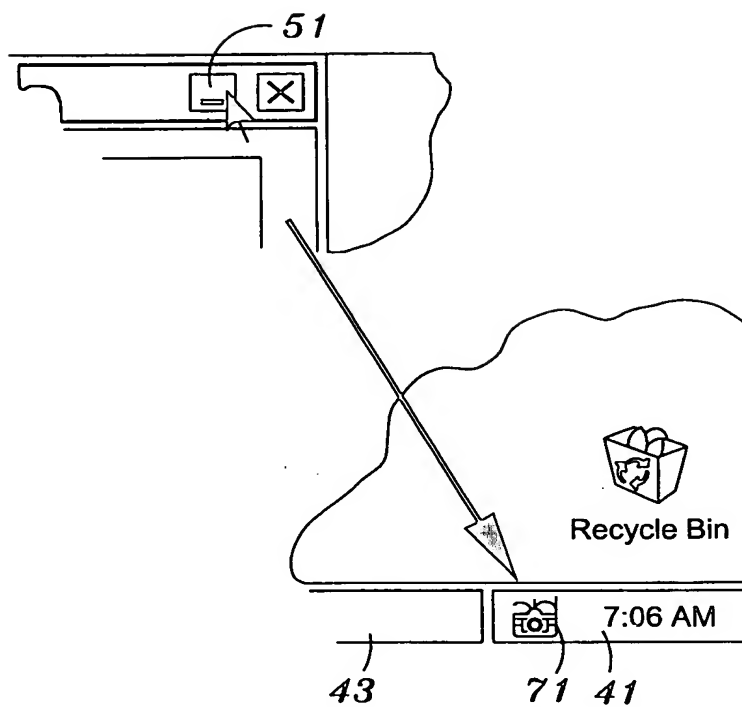


FIG. 7

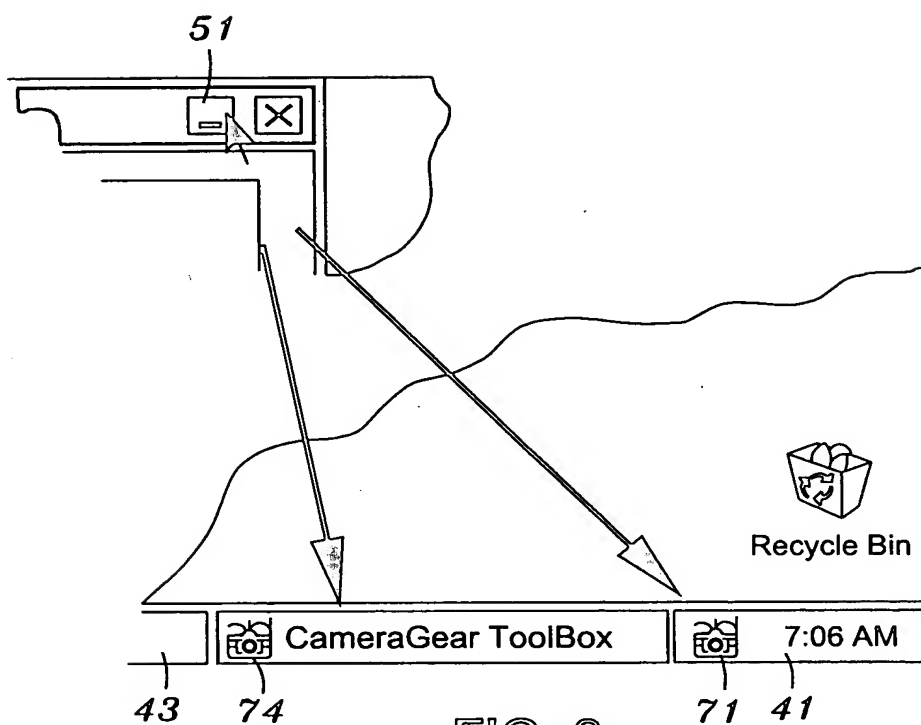


FIG. 8

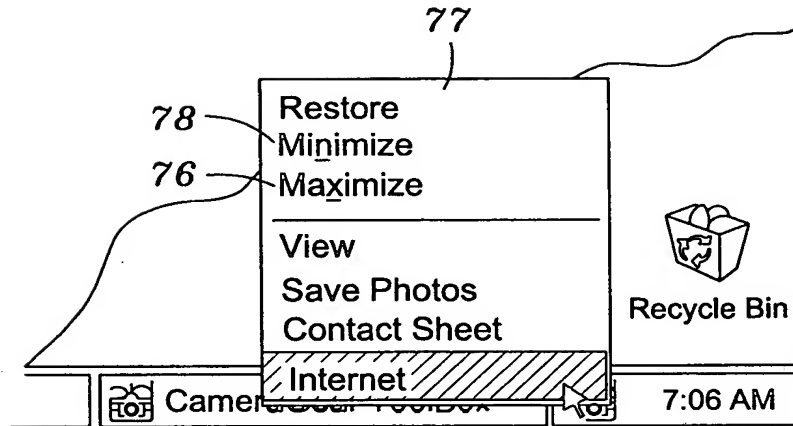


FIG. 9

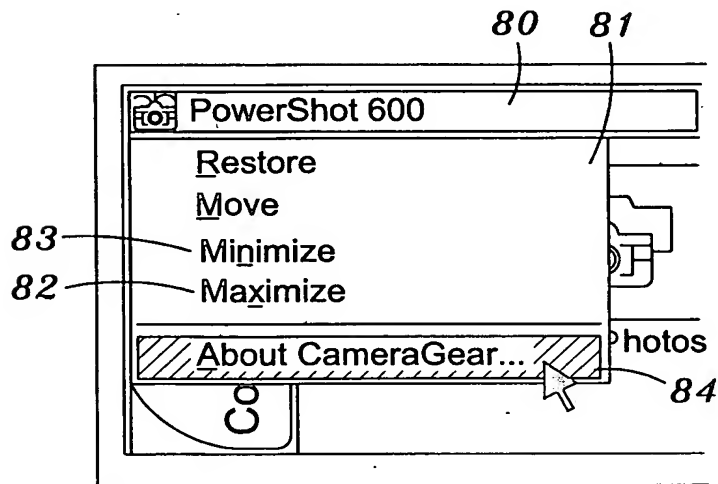


FIG. 10

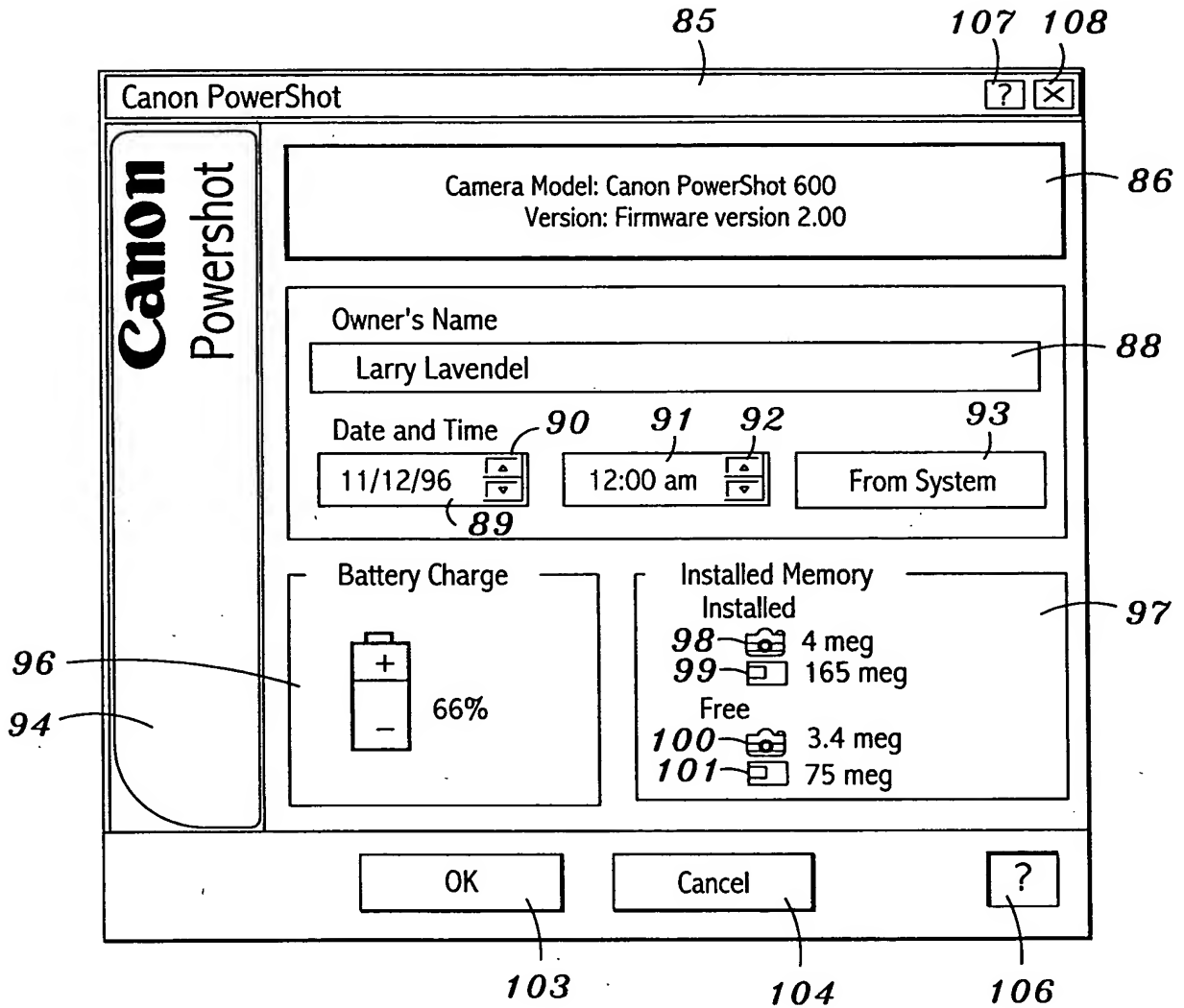


FIG. 11

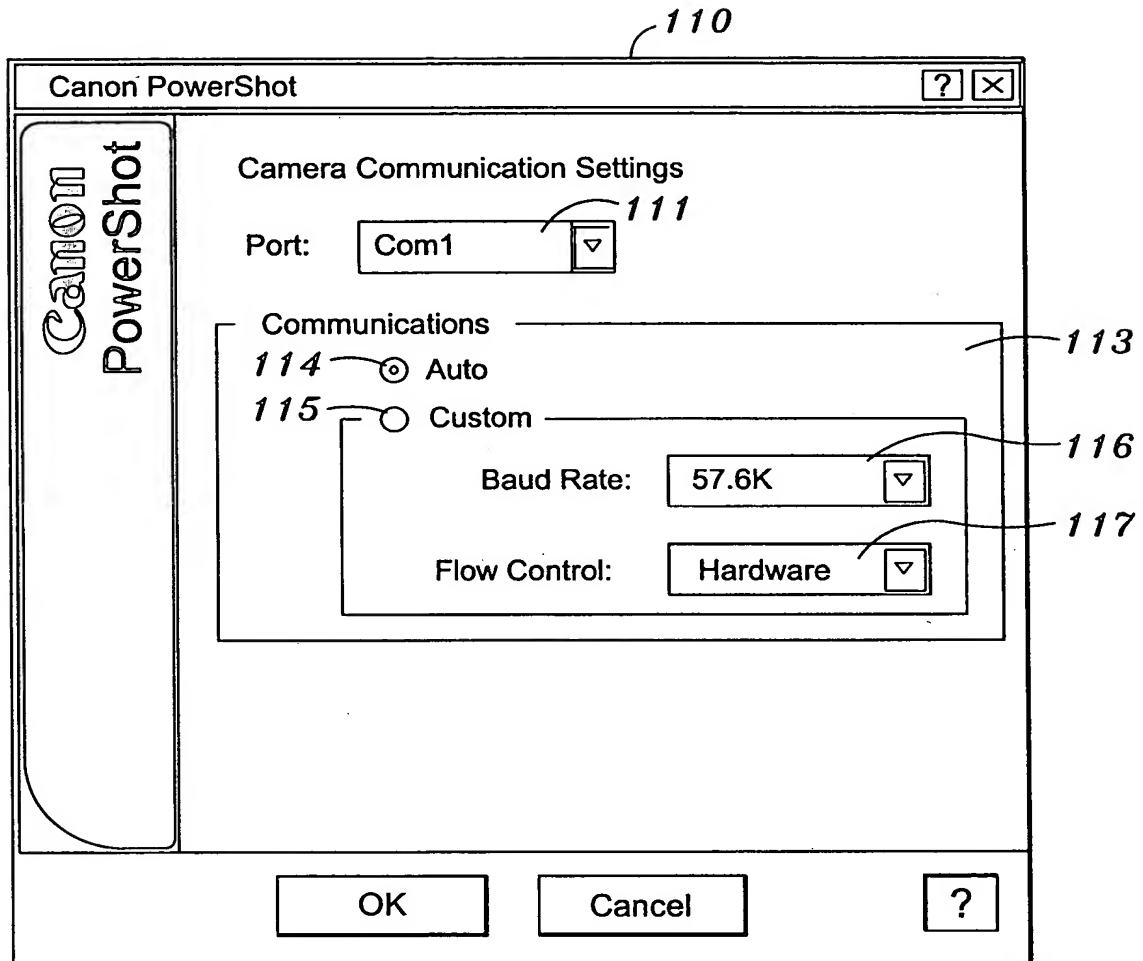


FIG. 12

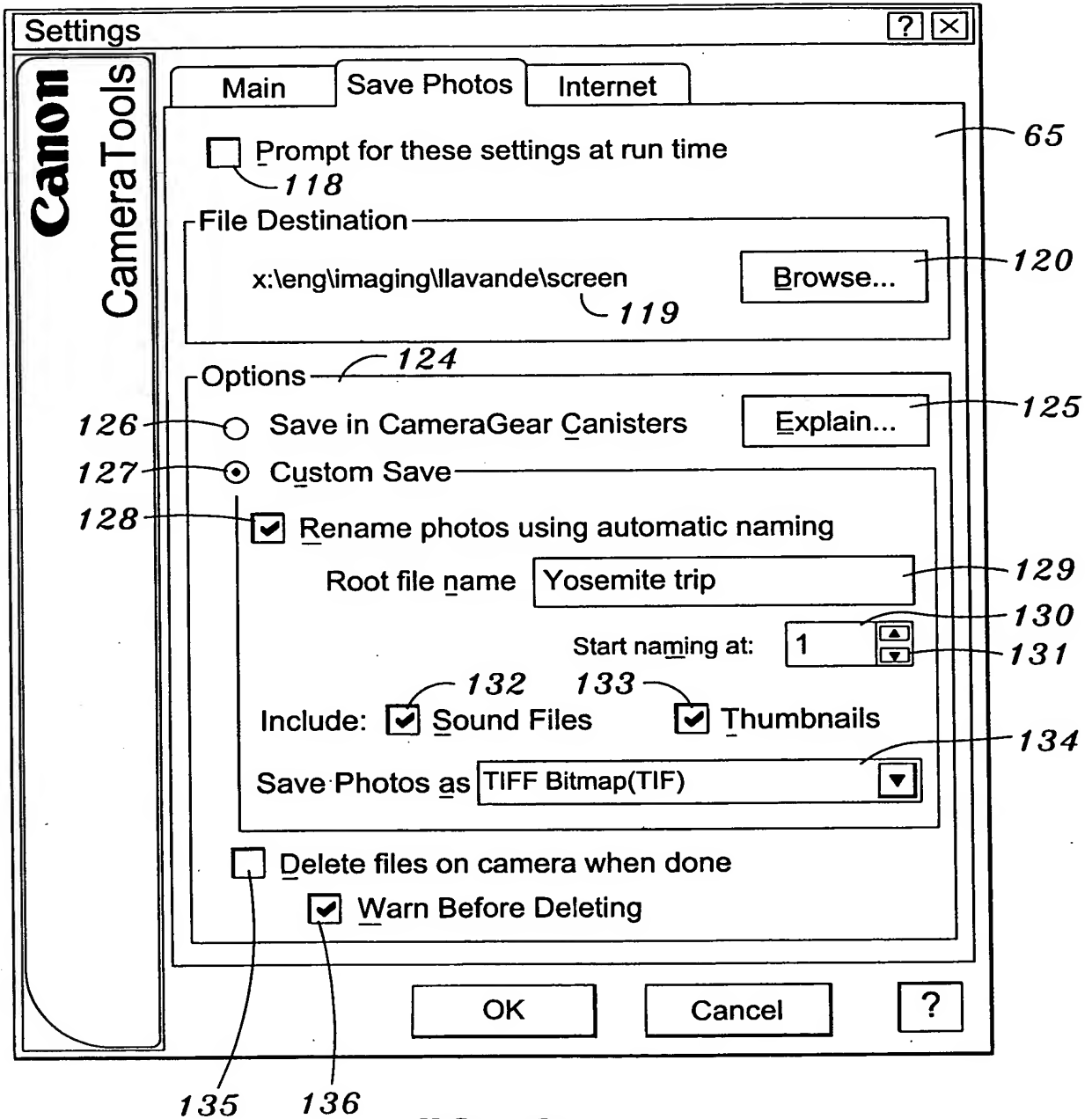


FIG. 13

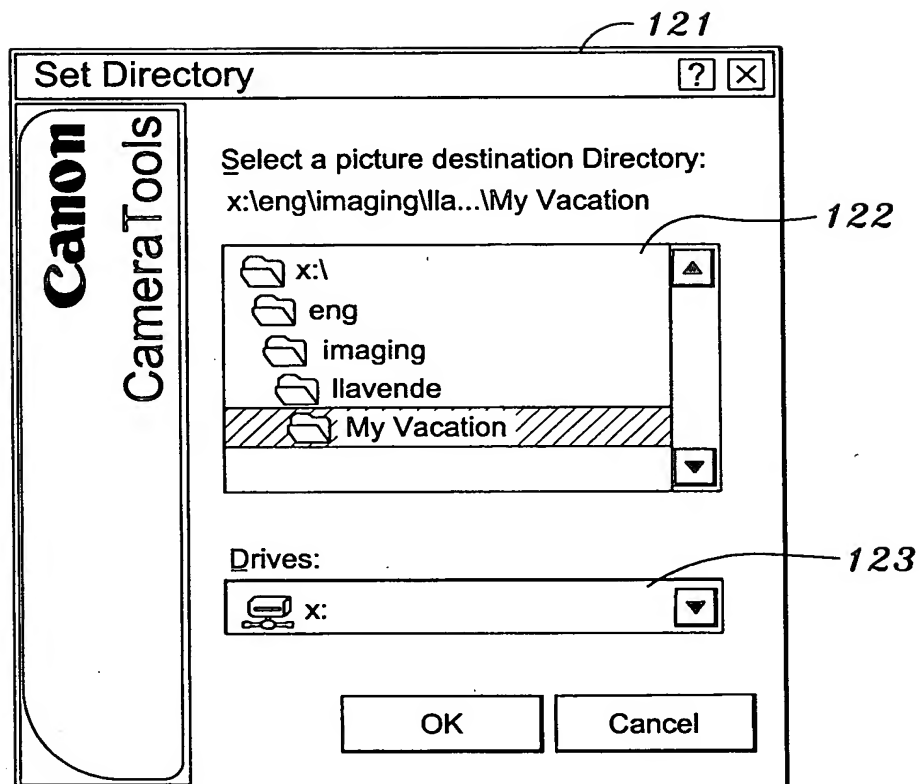


FIG. 14

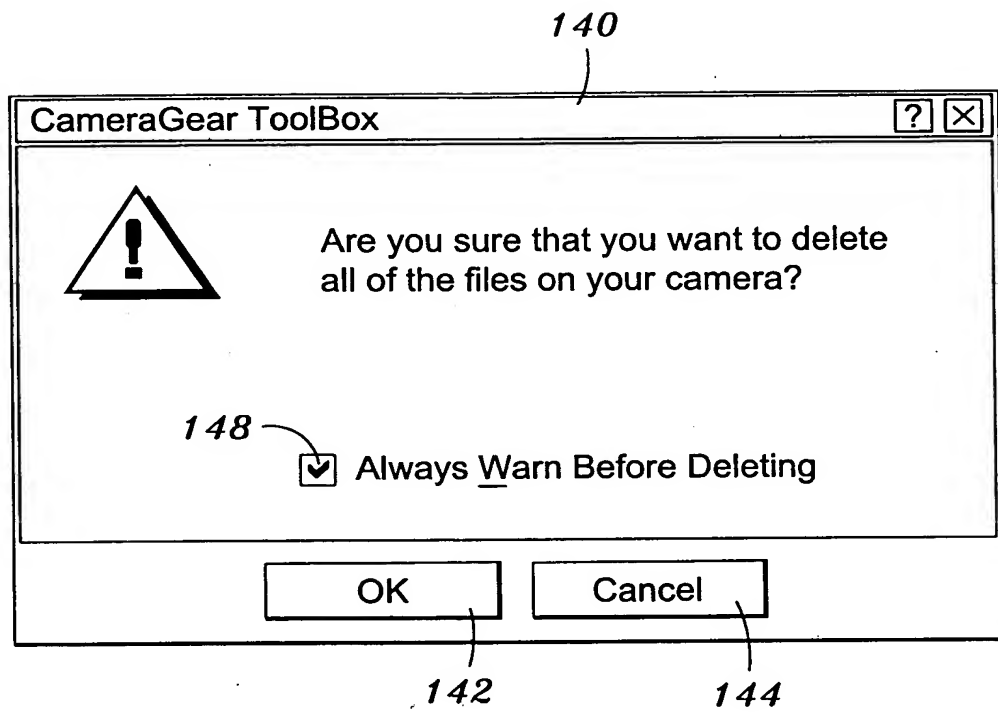


FIG. 15

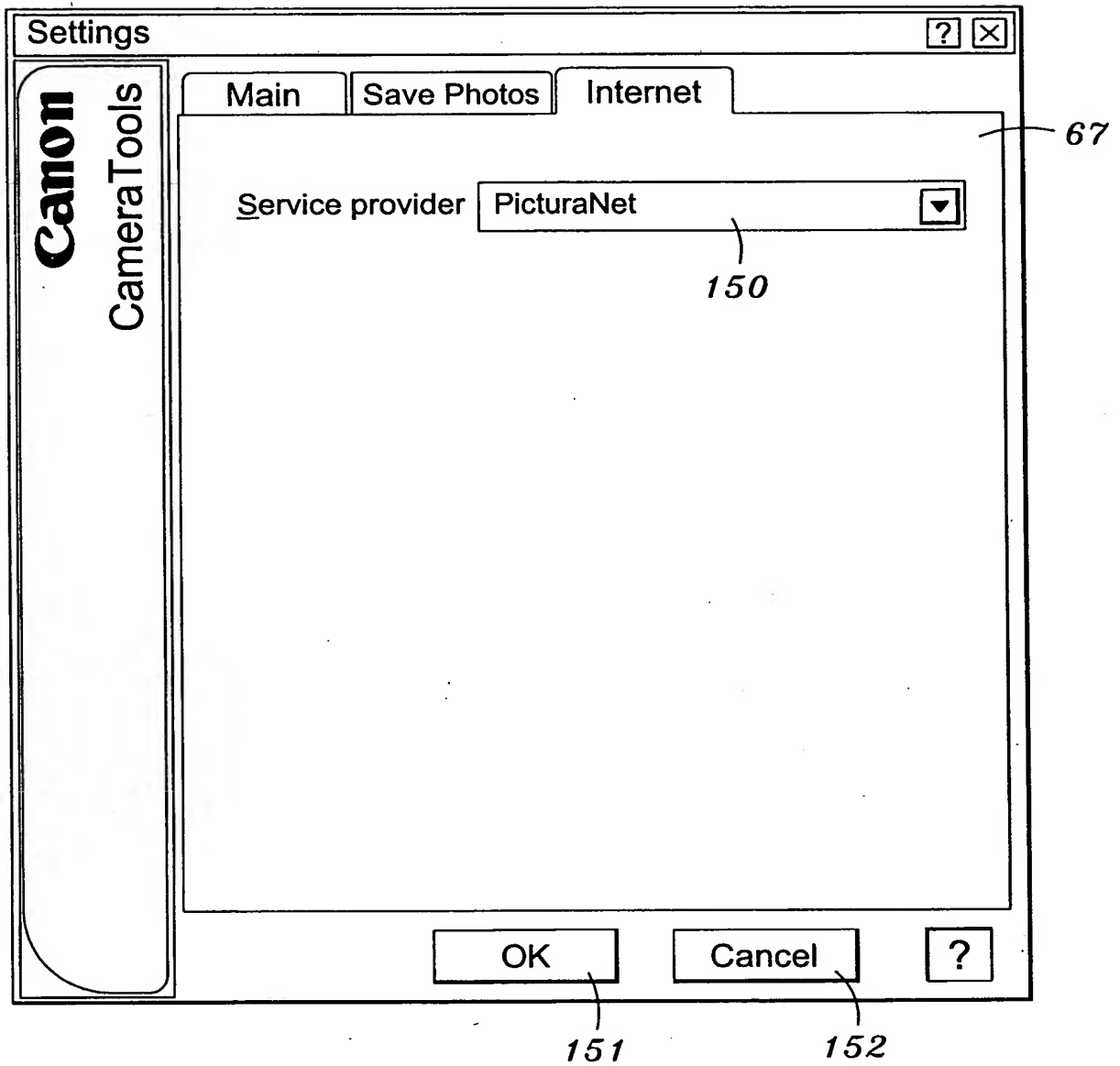


FIG. 16

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Canon CameraTools

Saving Photos [?] [X]

File Destination:

Options:

☐ Save in CameraGear Canisters

☒ Custom Save

☒ Rename photos using automatic naming

Root file name:

Start naming at: [up] [down]

Include: ☒ Sound Files ☒ Thumbnails

Save Photos as: [v]

☐ Ddelete files on camera when done

☒ Warn Before Deleting

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FIG. 17

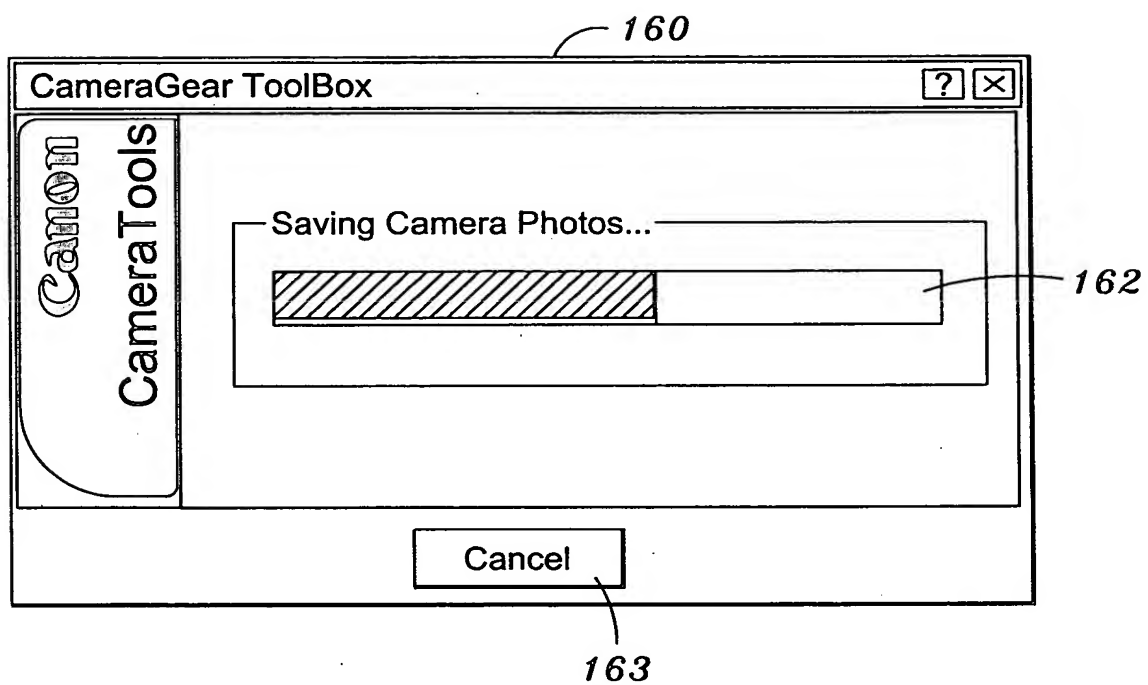


FIG. 18

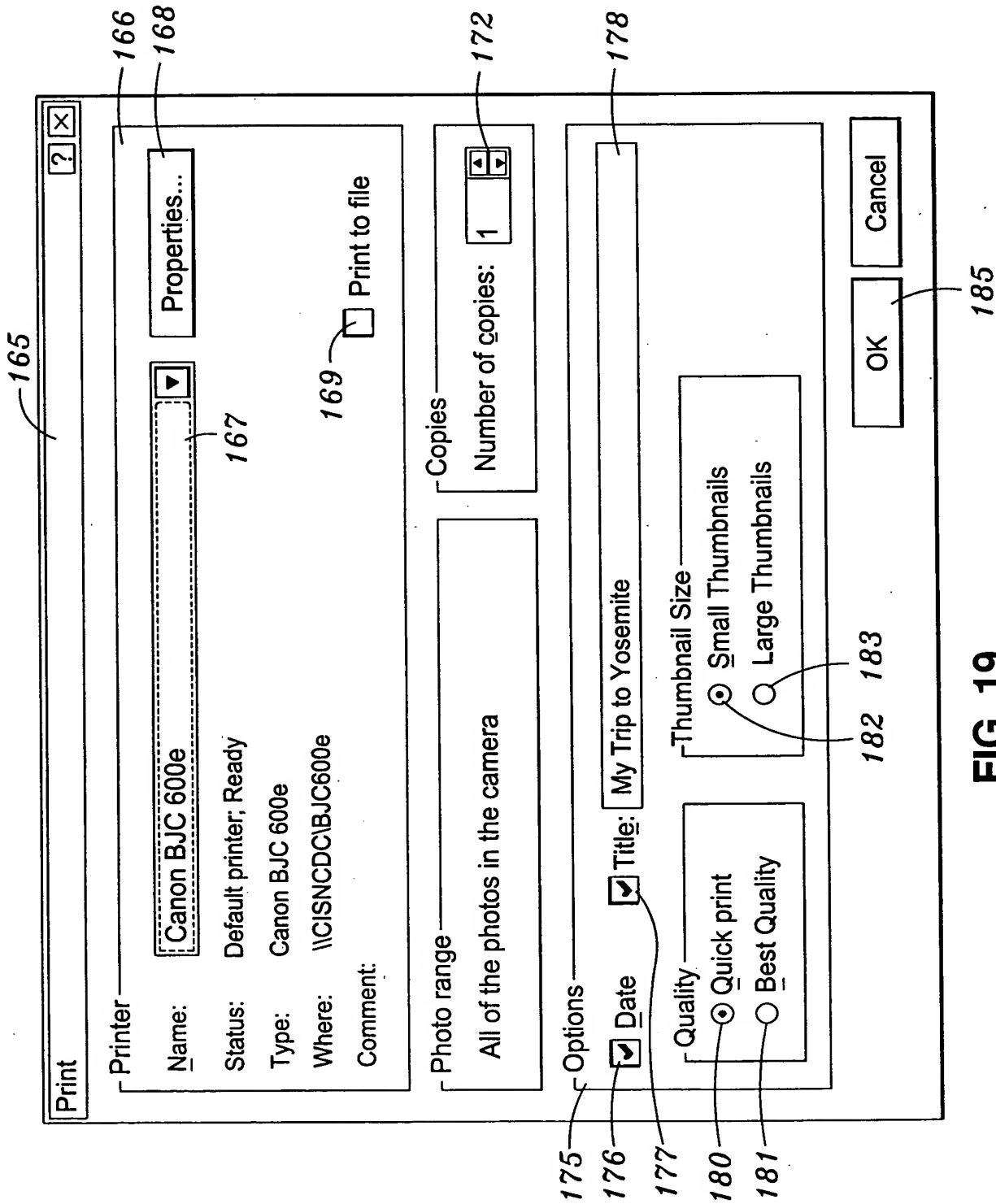


FIG. 19

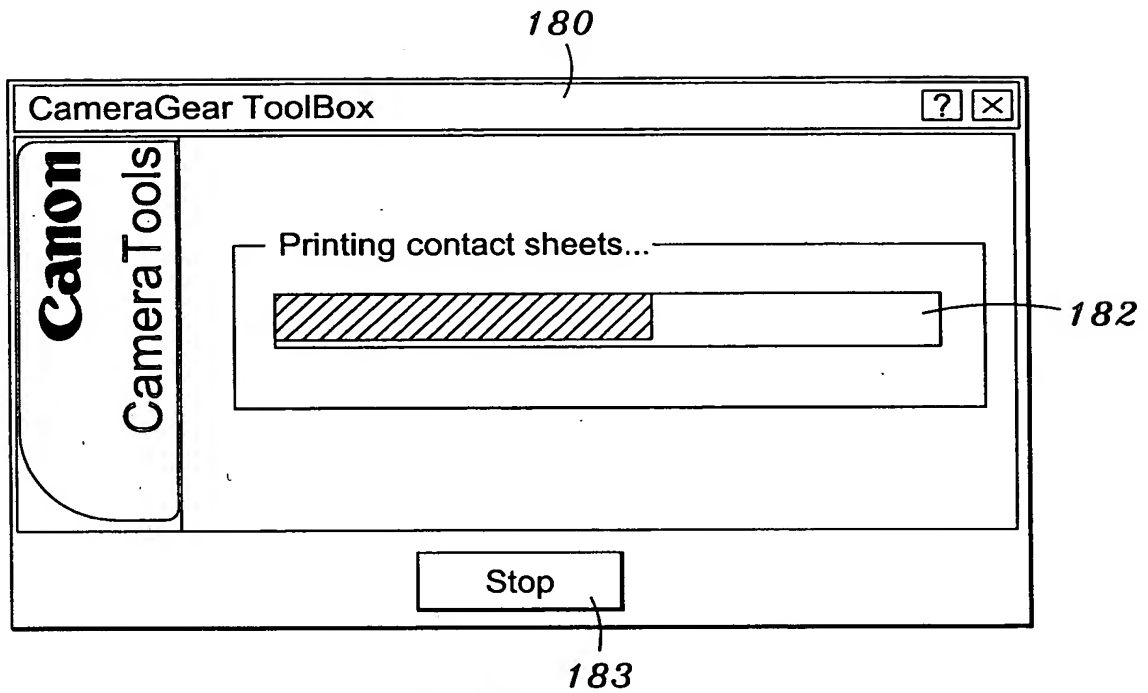


FIG. 20

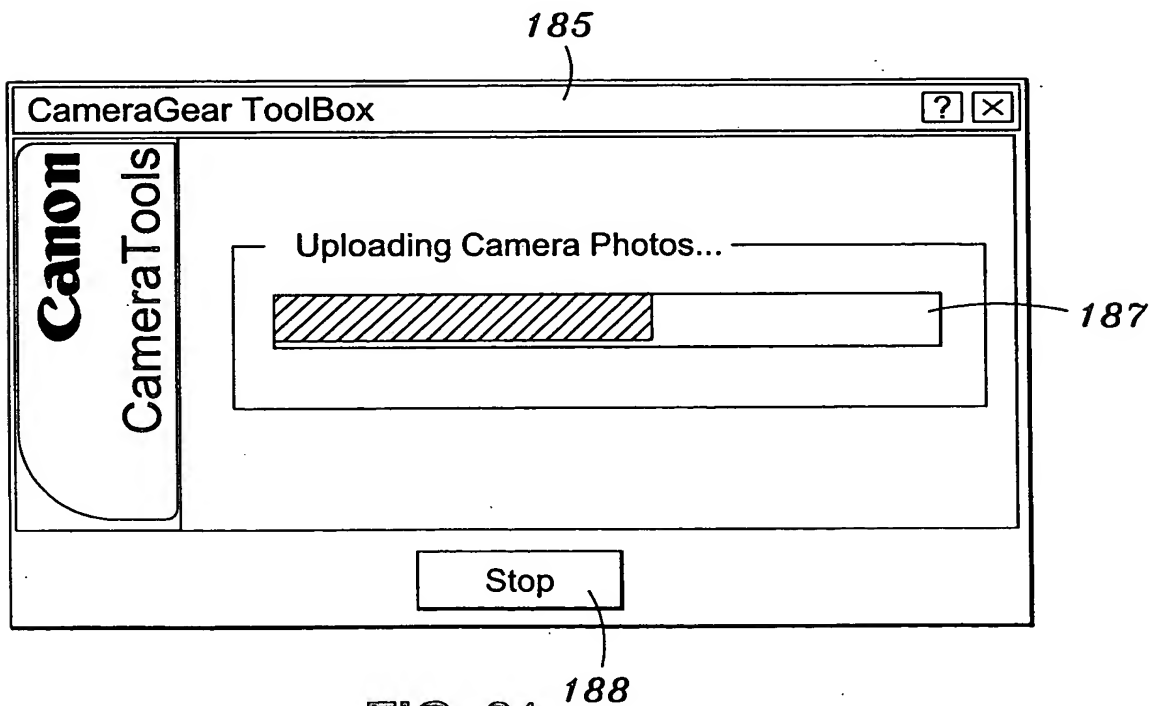


FIG. 21

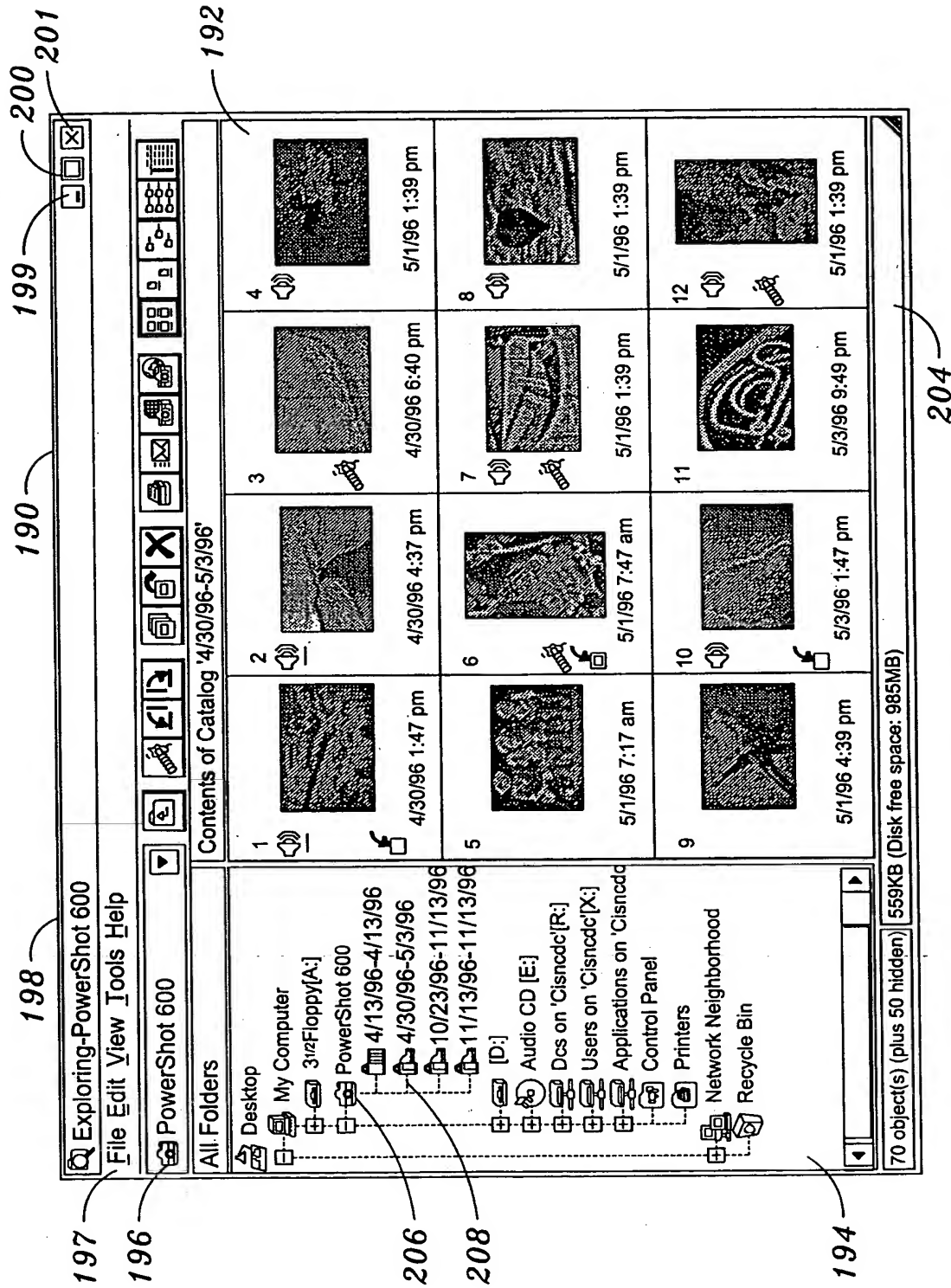


FIG. 22

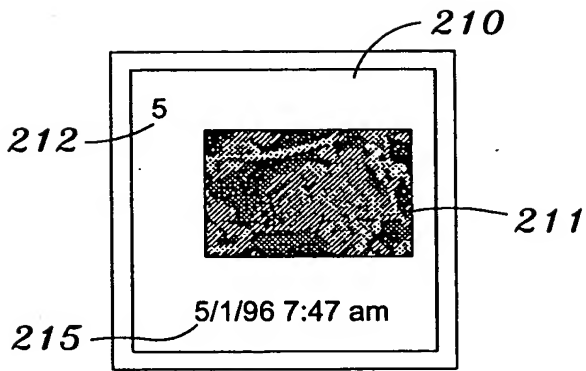


FIG. 23

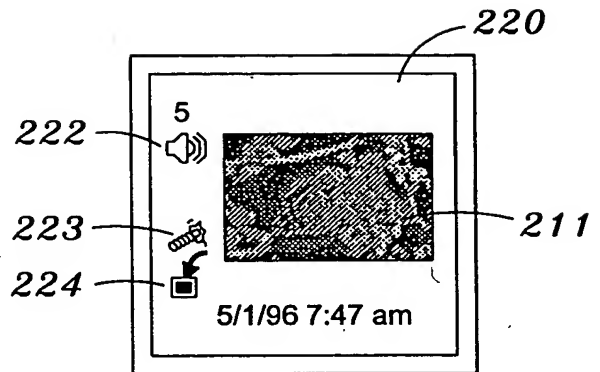


FIG. 24

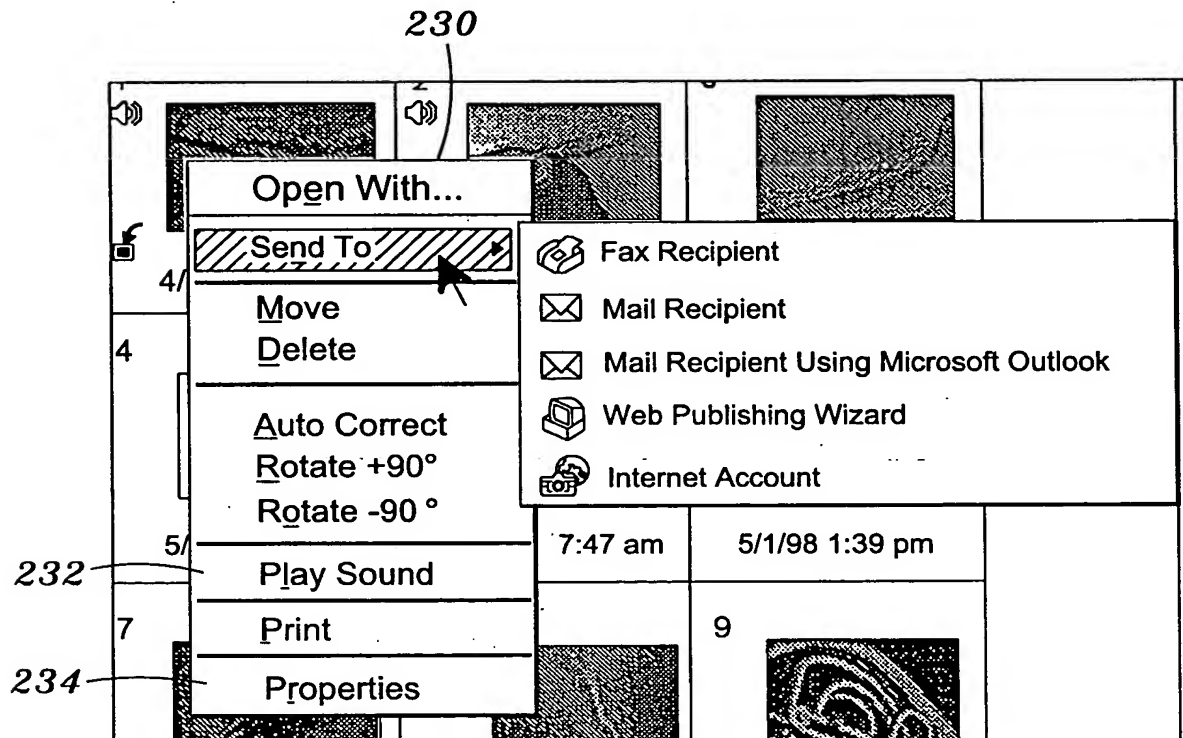


FIG. 25

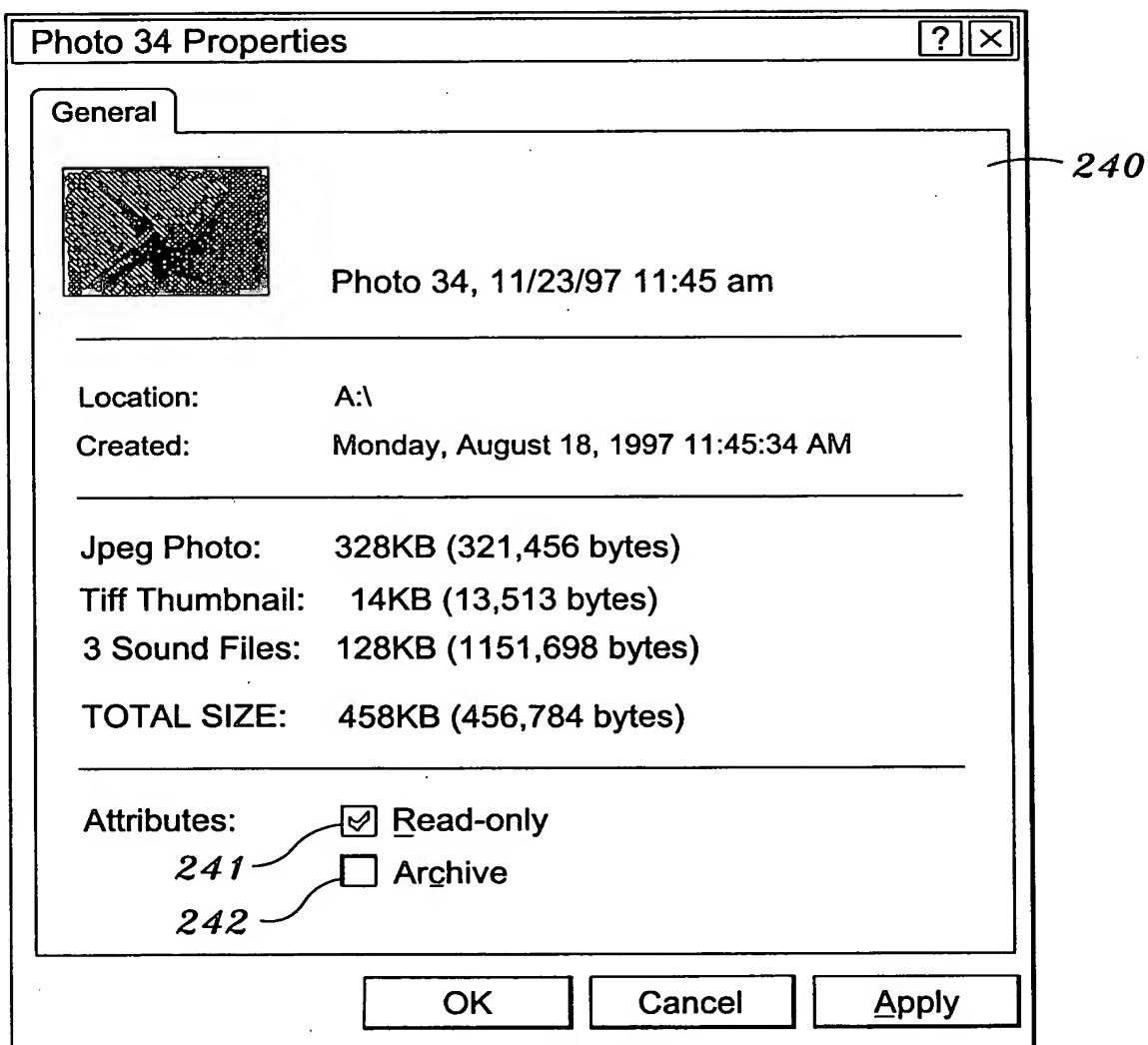


FIG. 26

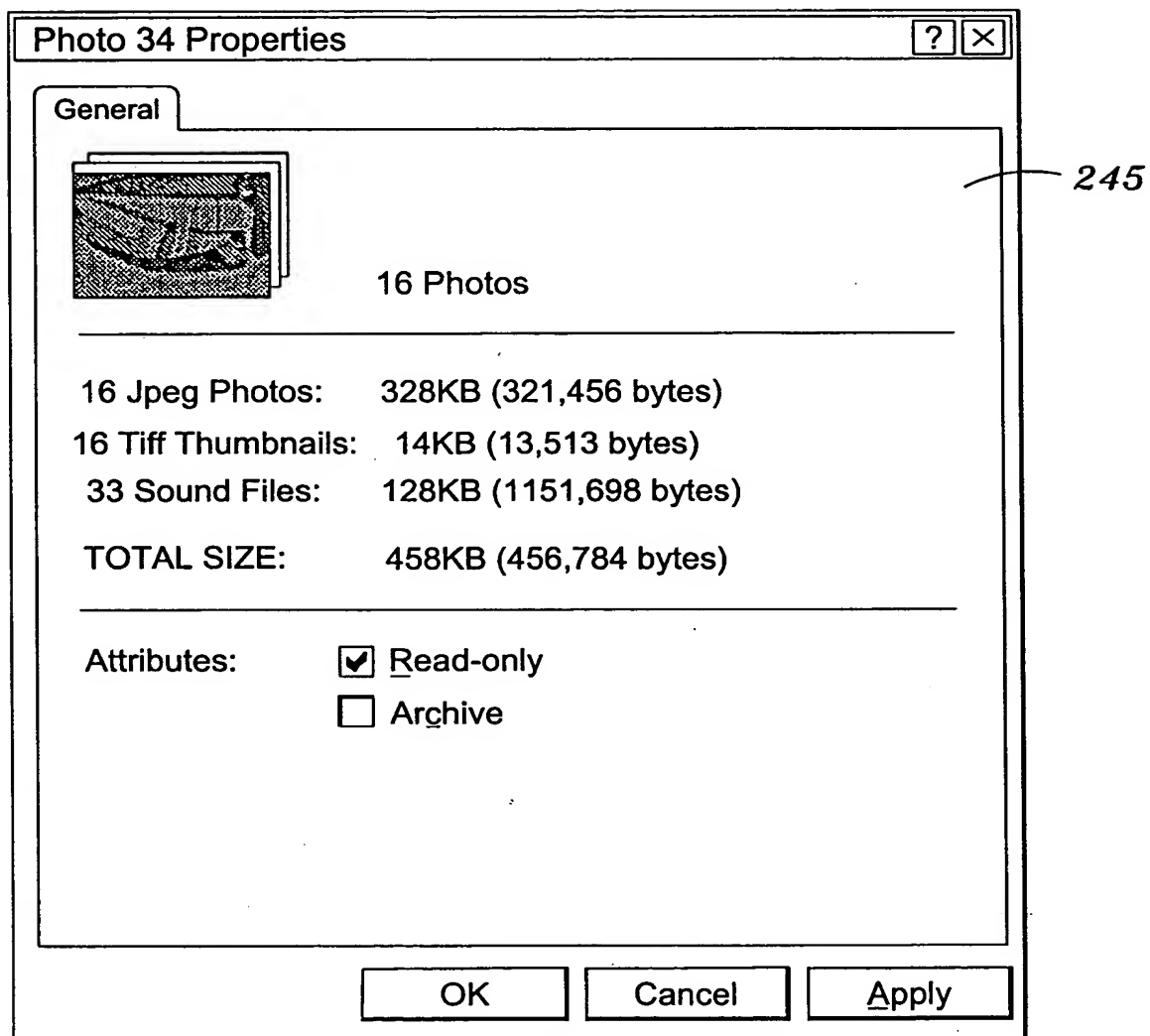


FIG. 27

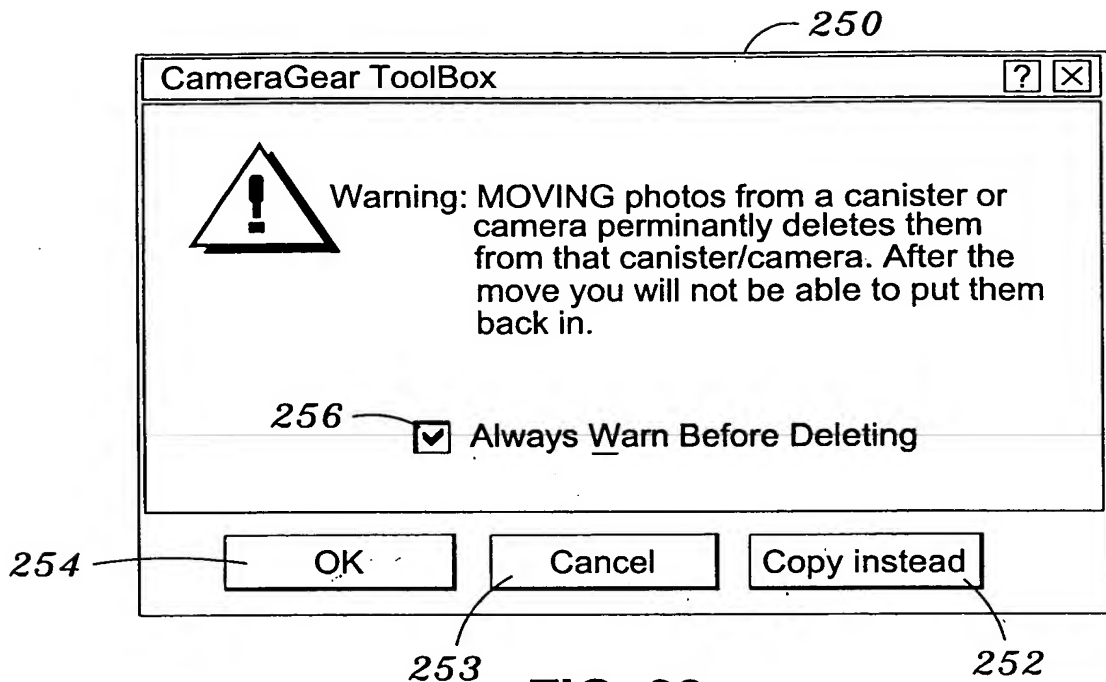


FIG. 28

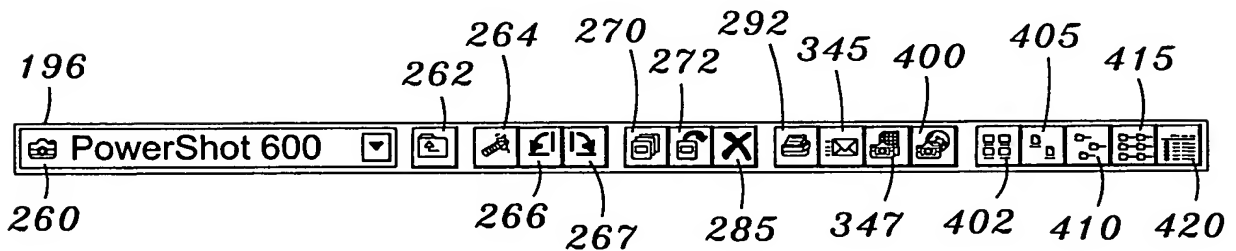


FIG. 29

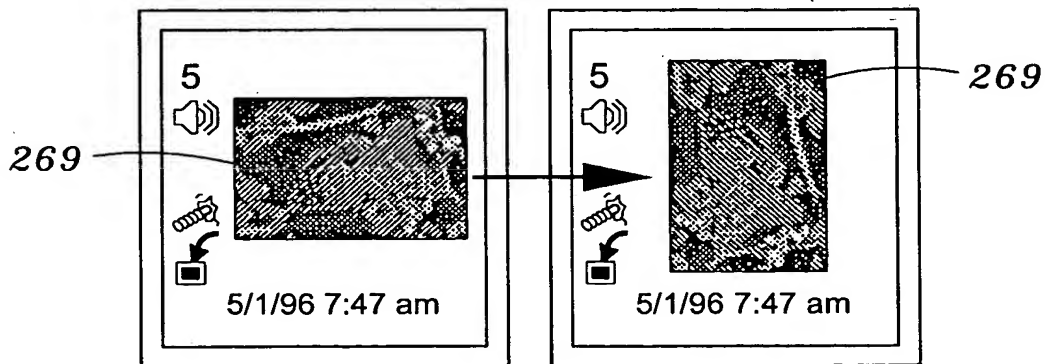


FIG. 30

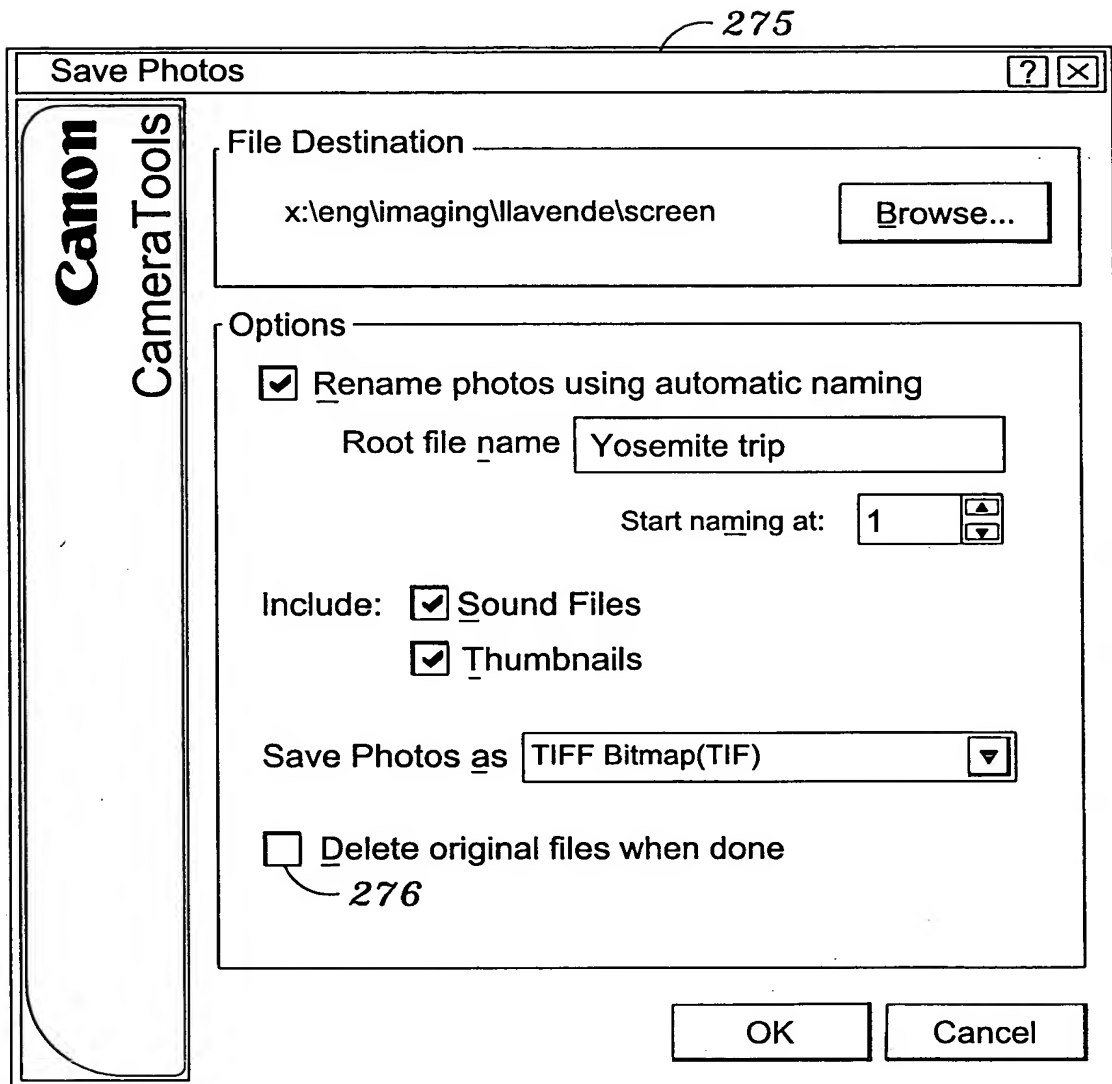


FIG. 31

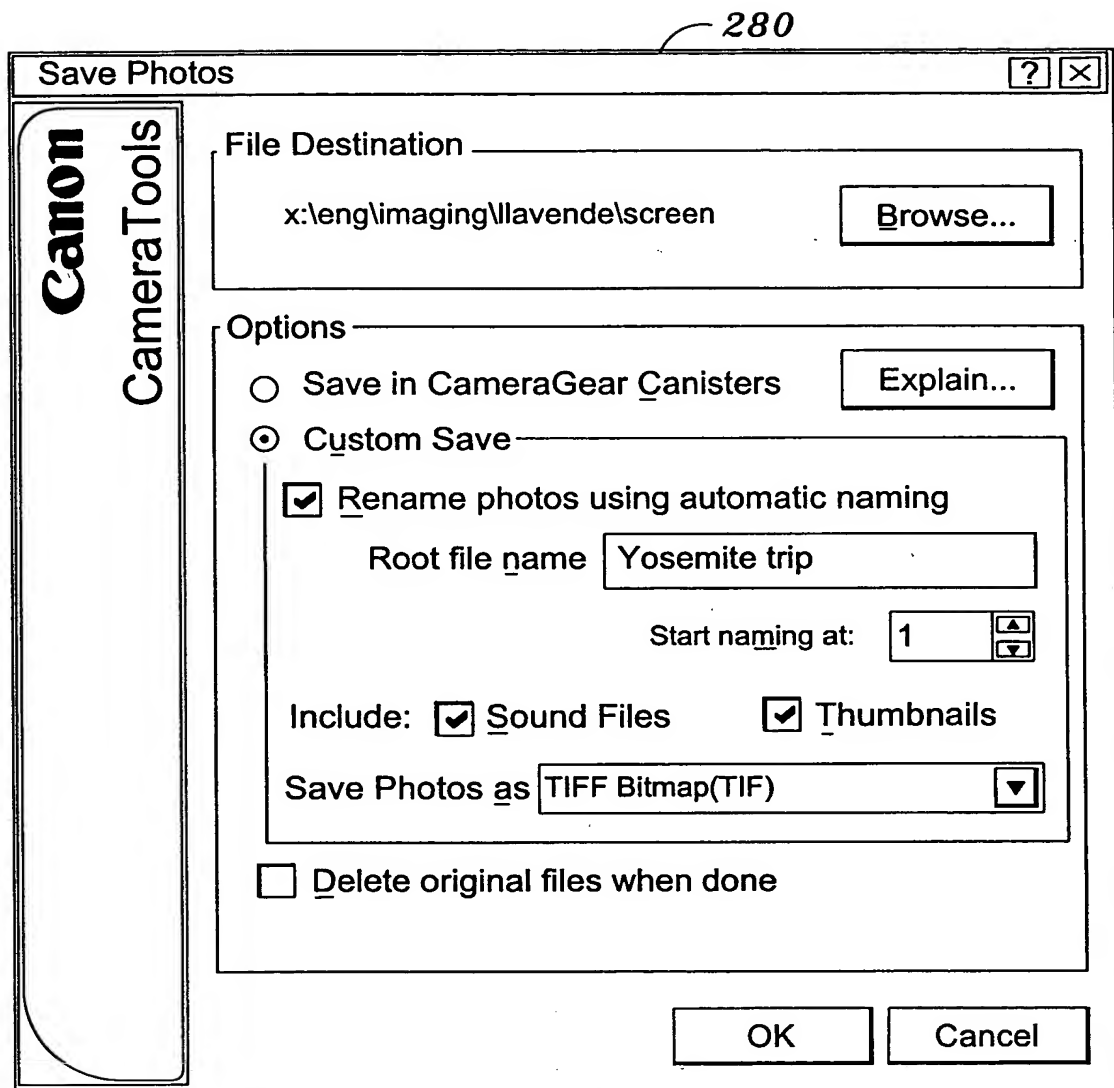


FIG. 32

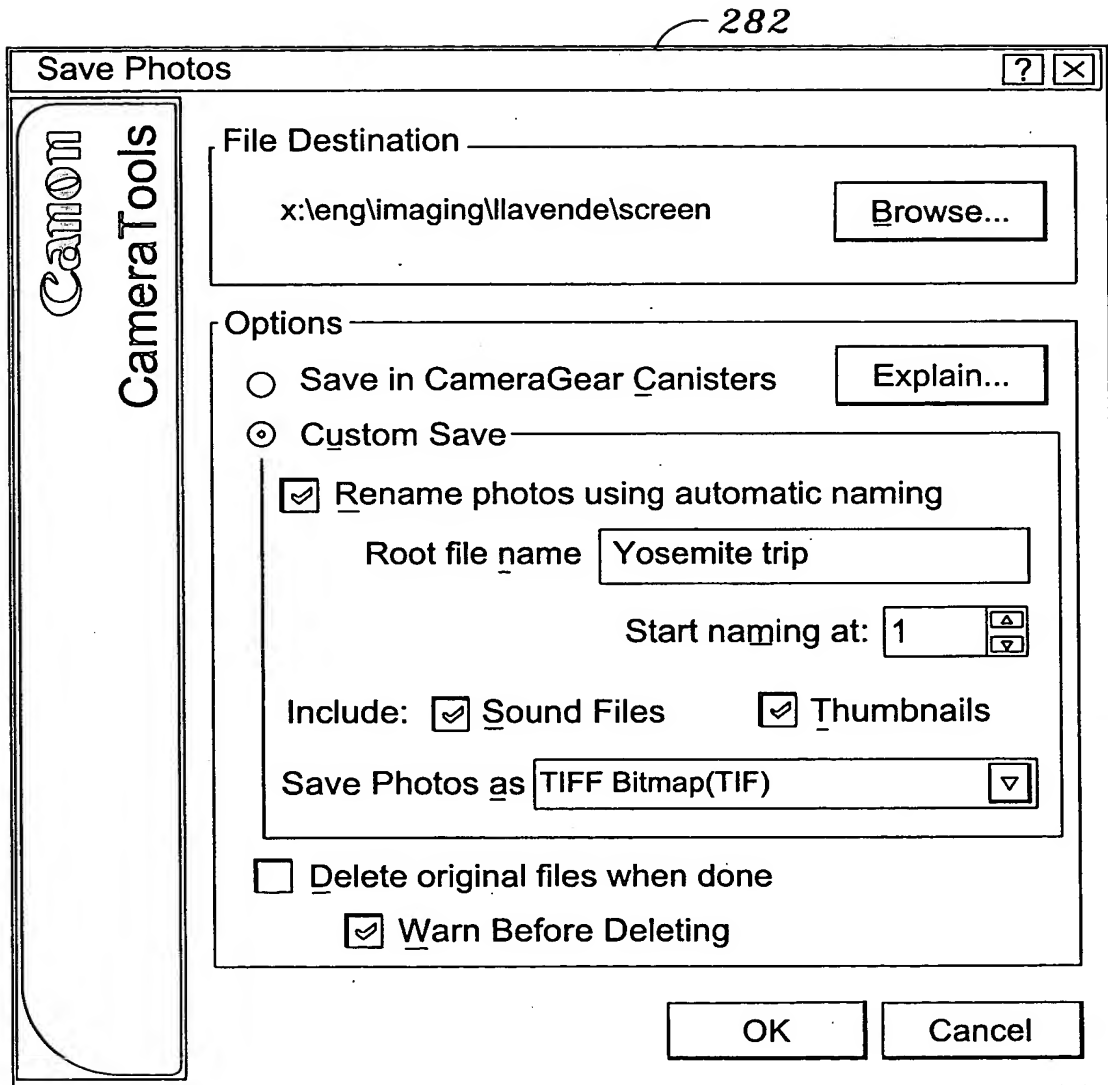


FIG. 33

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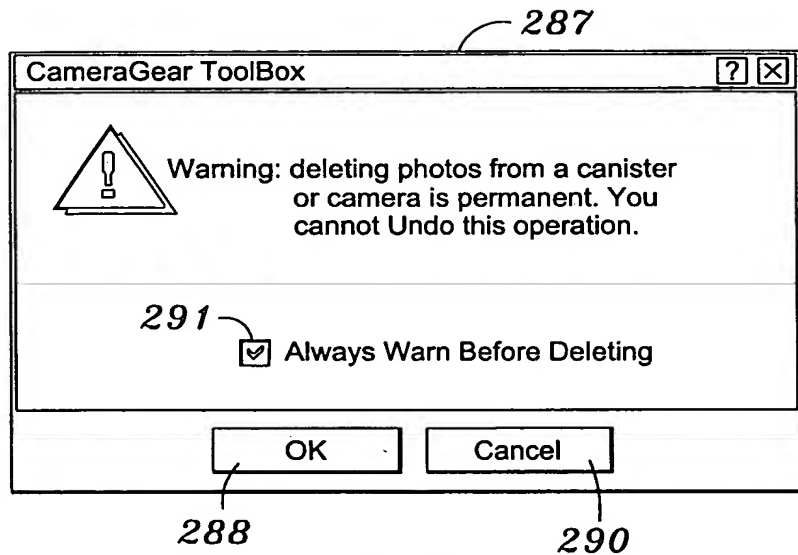


FIG. 34

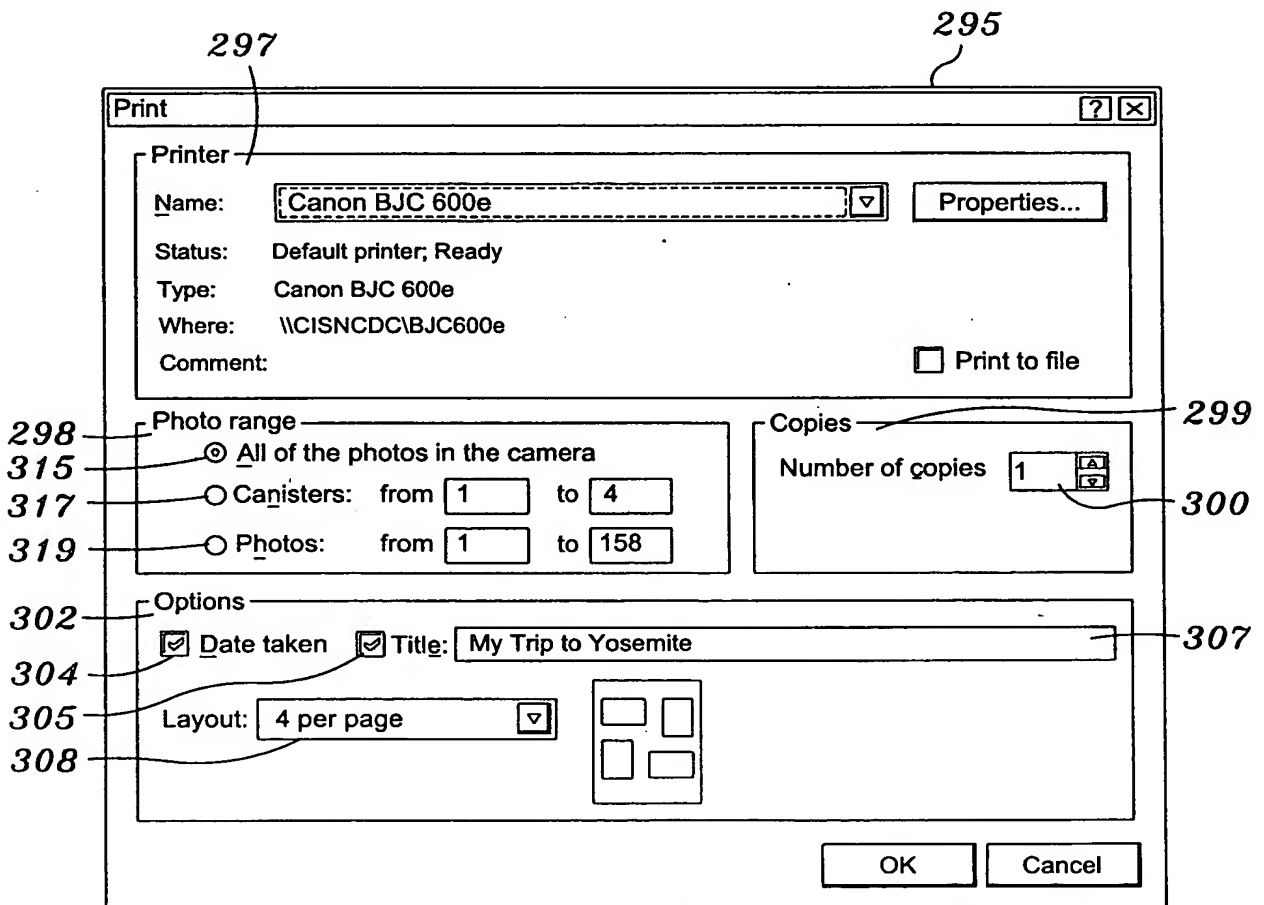


FIG. 35

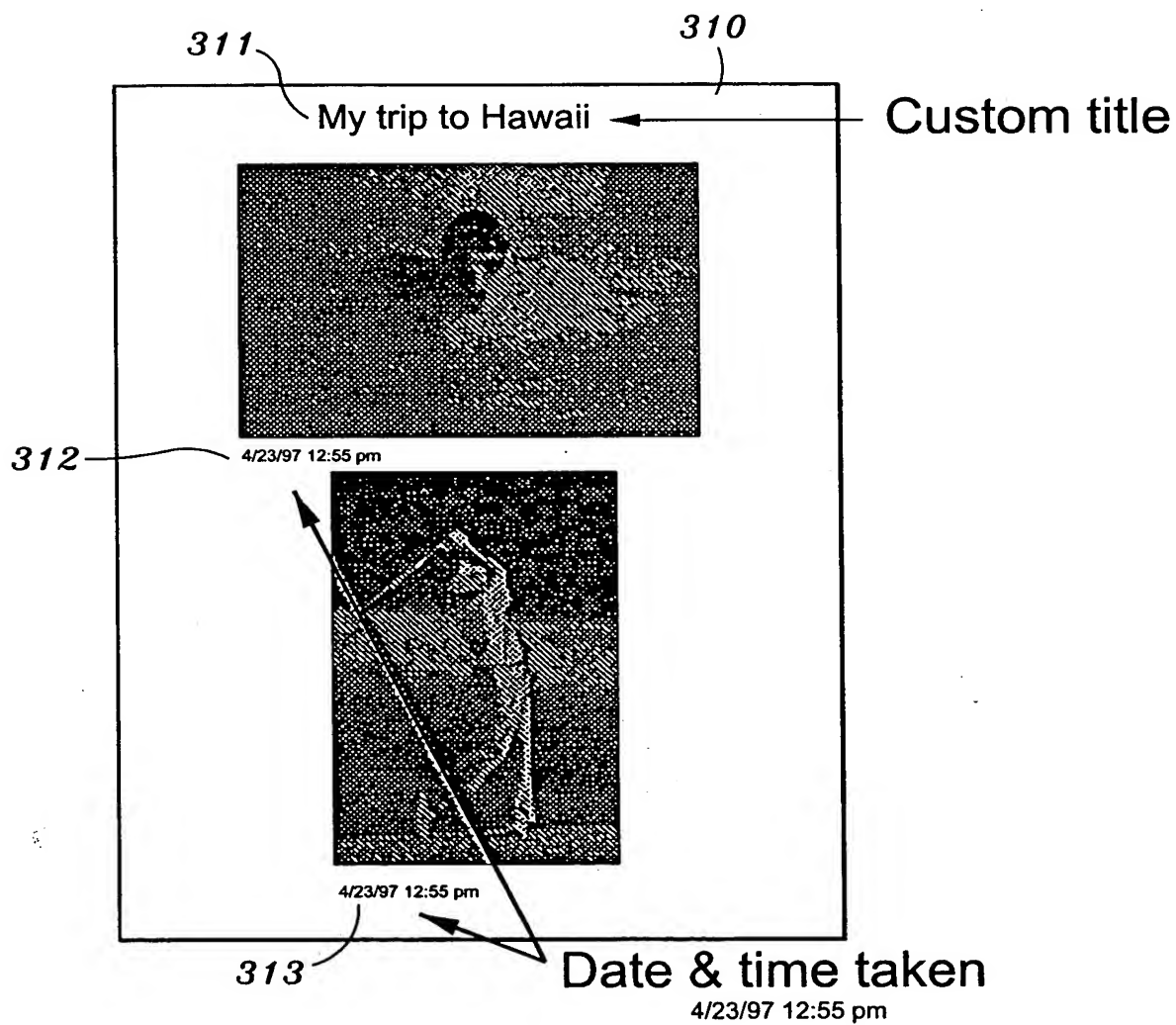


FIG. 36

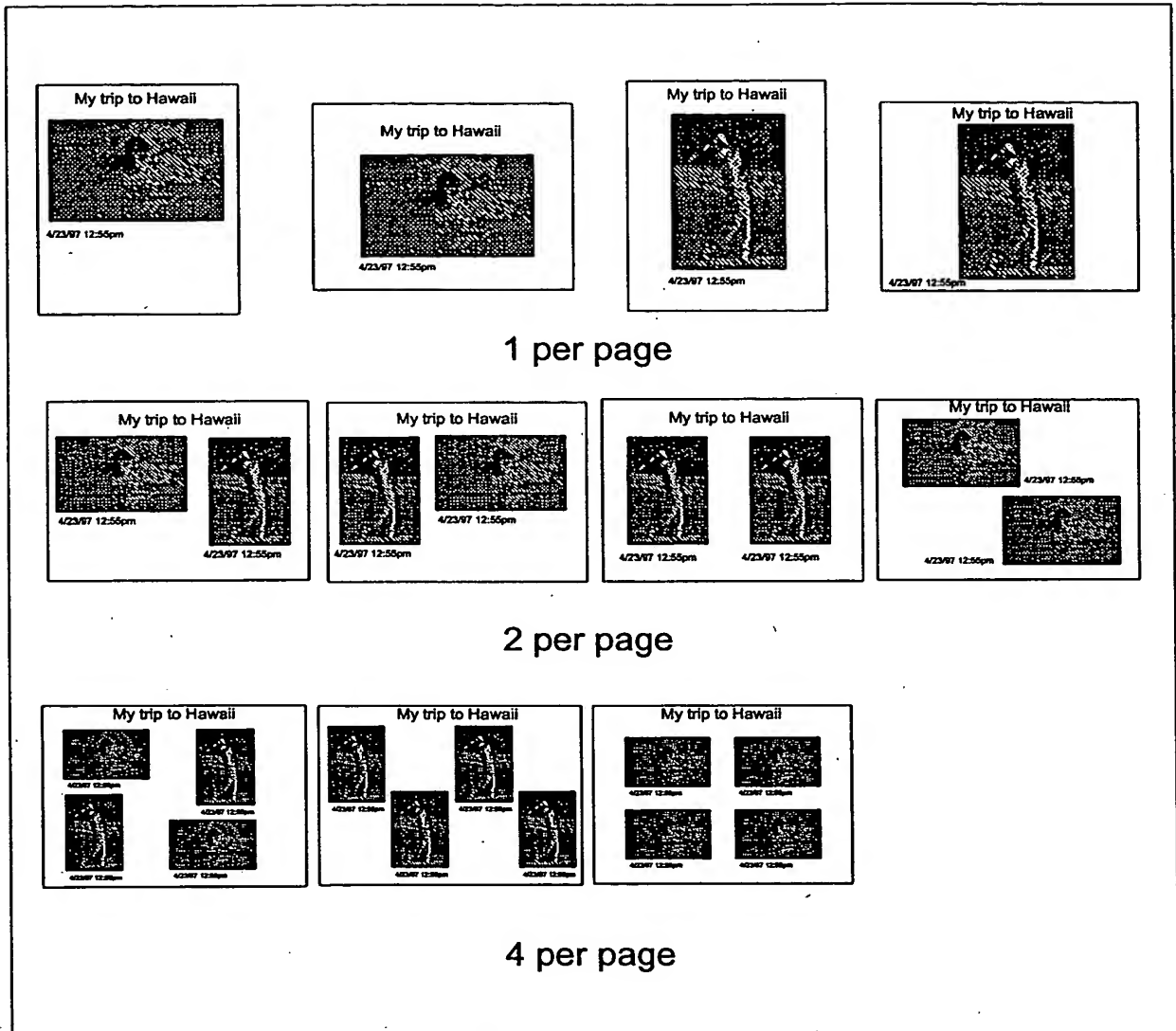


FIG. 37

325

Print

326

Printer: Canon BJC 600e

Properties...

Name: Canon BJC 600e

Status: Default printer;Ready

Type: Canon BJC 600e

Where: \\CISNDCDC\BJC600e

Comment:

☐ Print to file

330

Photo range

332

☒ All of the photos in this canister

333

☐ Photos: from 1 to 158

327

Copies

Number of copies 1

328

Options

☒ Date taken ☒ Title: My Trip to Yosemite

Layout: 4 per page

OK Cancel

FIG. 38

FIG. 39

FIG. 39

Print [?] [X]

Printer: Canon BJC 600e [Properties...]

Name: [v]

Status: Default printer; Ready

Type: Canon BJC 600e

Where: \\CISNCDC\BJC600e

Comment: ☐ Print to file

Photo range: ☒ All of the photos in the camera

☐ Canisters: from 1 to 4

☐ Photos: from 1 to 158

Copies: Number of copies 1 [A] [V]

Options: ☒ Date ☒ Title: My Trip to Yosemite

Quality: ☒ Quick print ☐ Best Quality

Thumbnail Size: ☒ Small Thumbnails ☐ Large Thumbnails

[OK] [Cancel]

FIG. 40

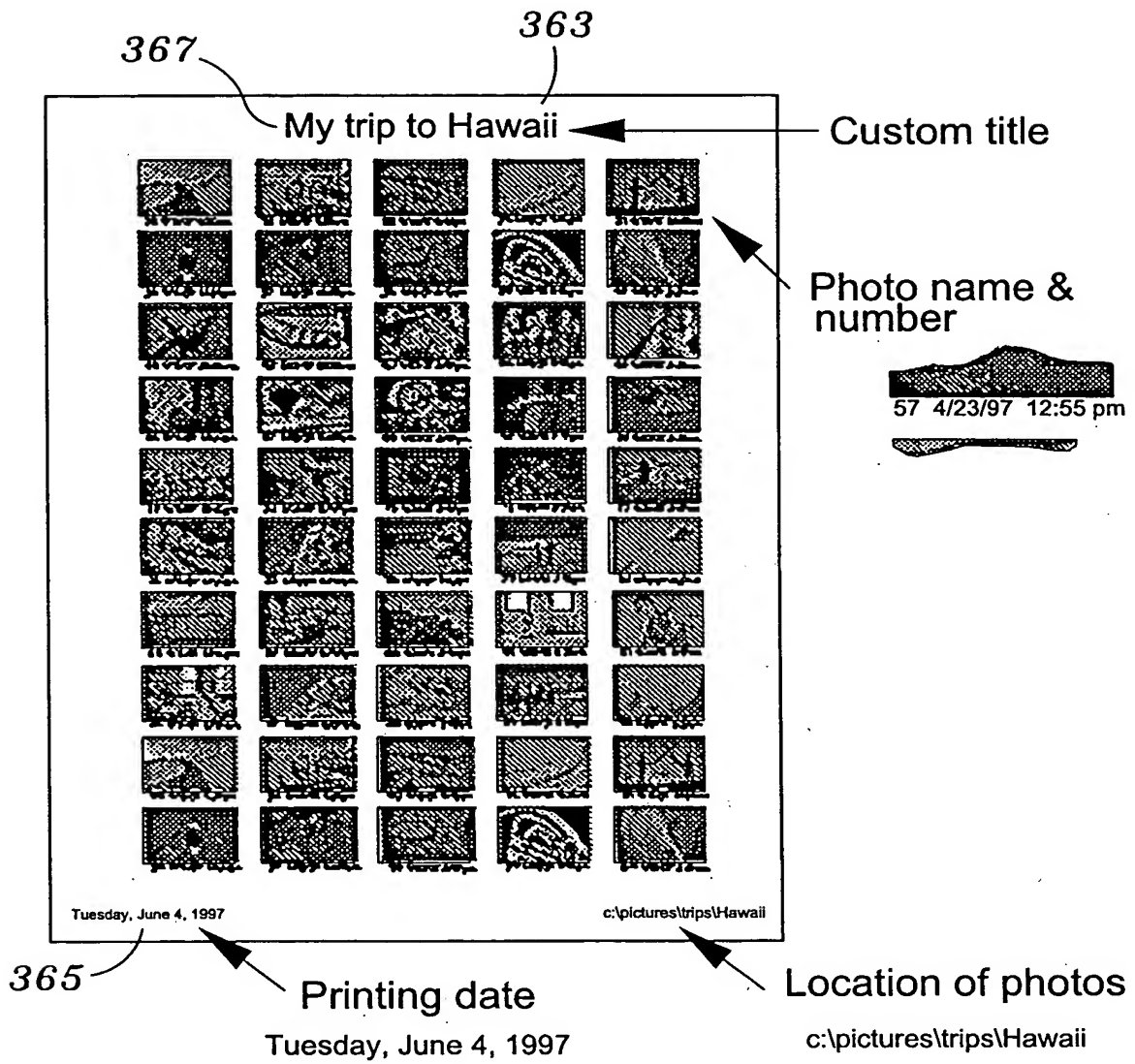


FIG. 41

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Print ? X

Printer

Name: Canon BJC 600e Properties...

Status: Default printer; Ready

Type: Canon BJC 600e

Where: \\CISNCDC\BJC600e

Comment: ☐ Print to file

Photo range

☒ All of the photos in the camera

☐ Canisters: from 1 to 158

Copies

Number of copies 1

Options

☒ Date ☒ Title: My Trip to Yosemite

Quality

☒ Quick print ☐ Best Quality

Thumbnail Size

☒ Small Thumbnails ☐ Large Thumbnails

OK Cancel

387

388

389

FIG. 42

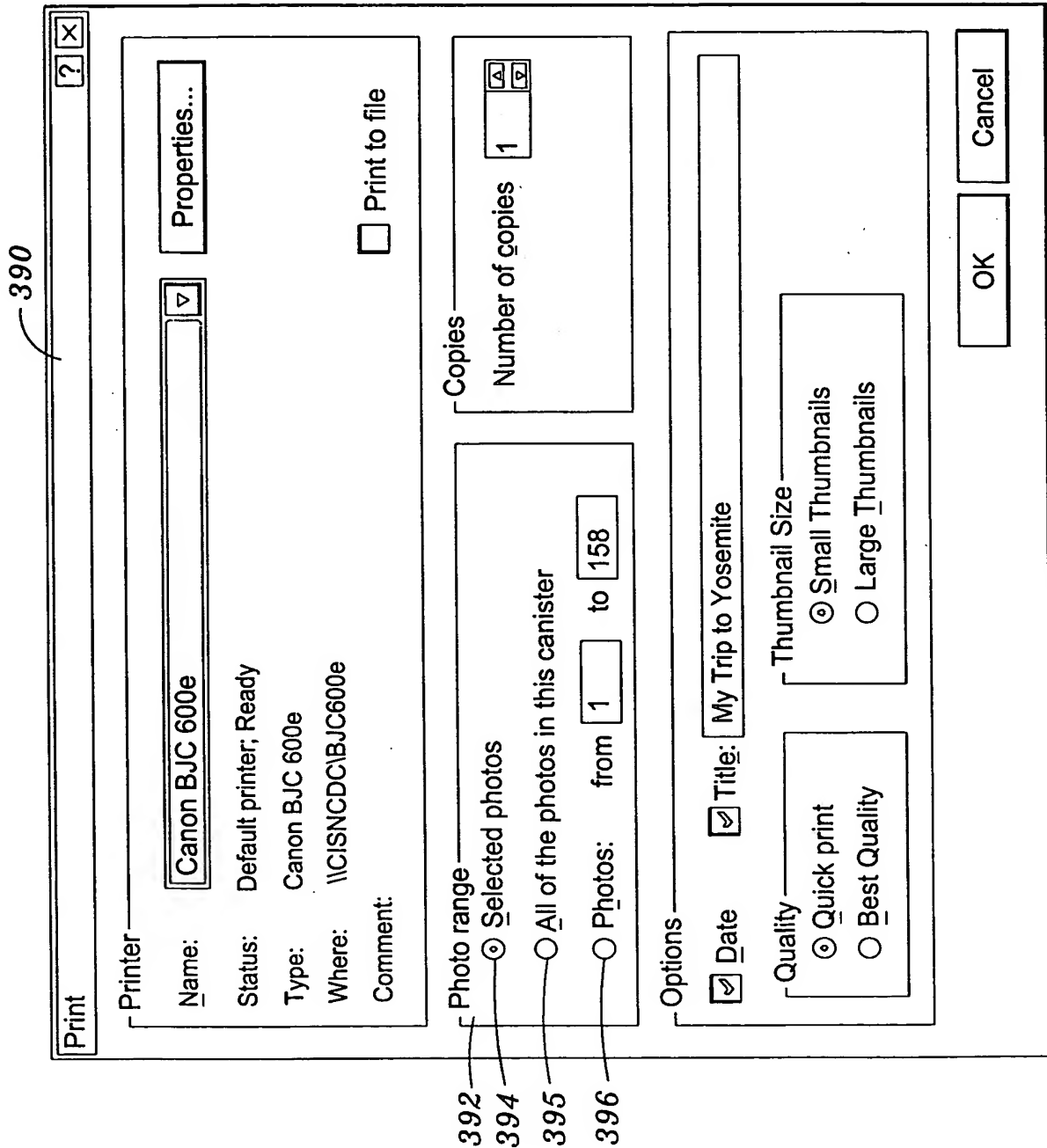


FIG. 43

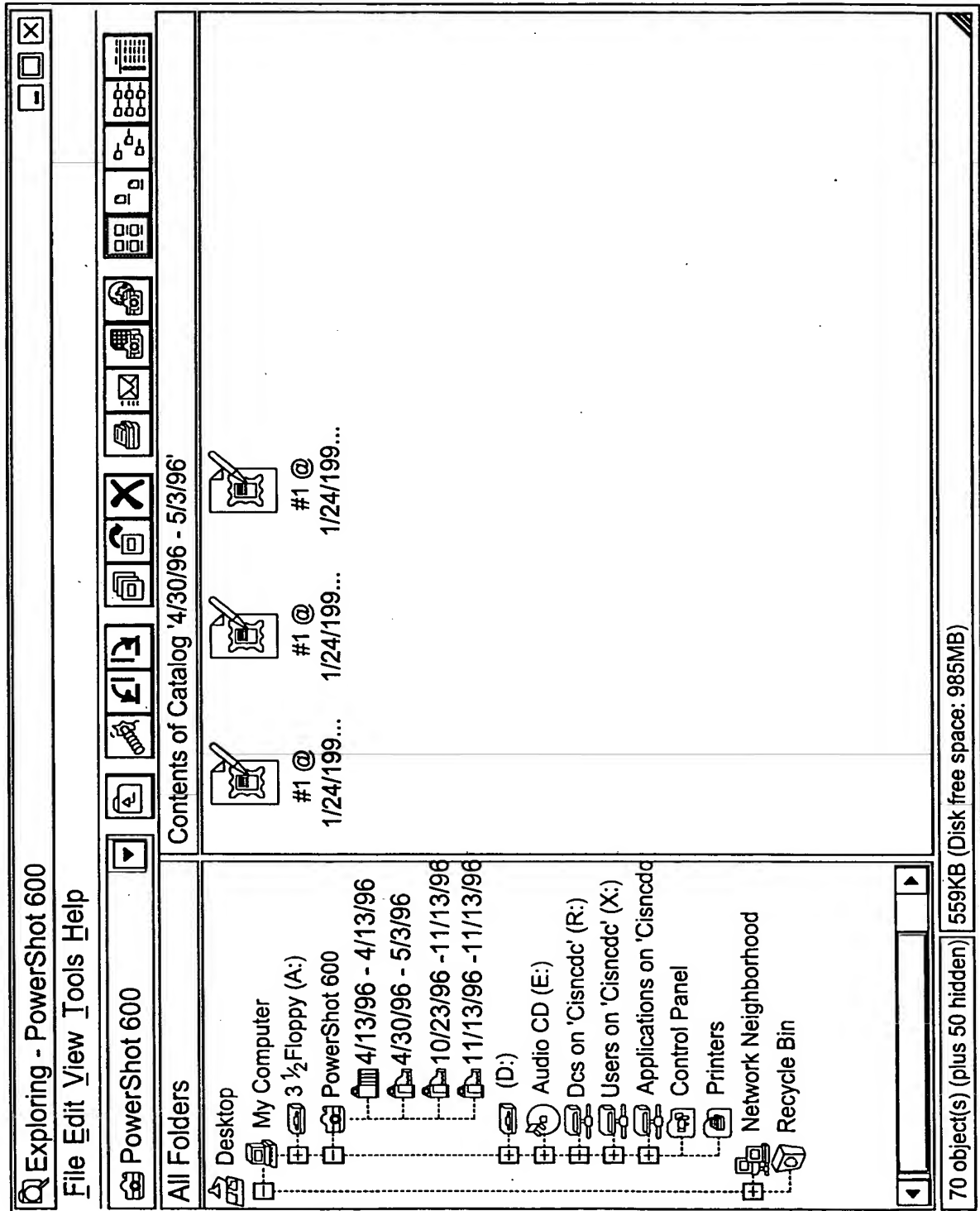


FIG. 44

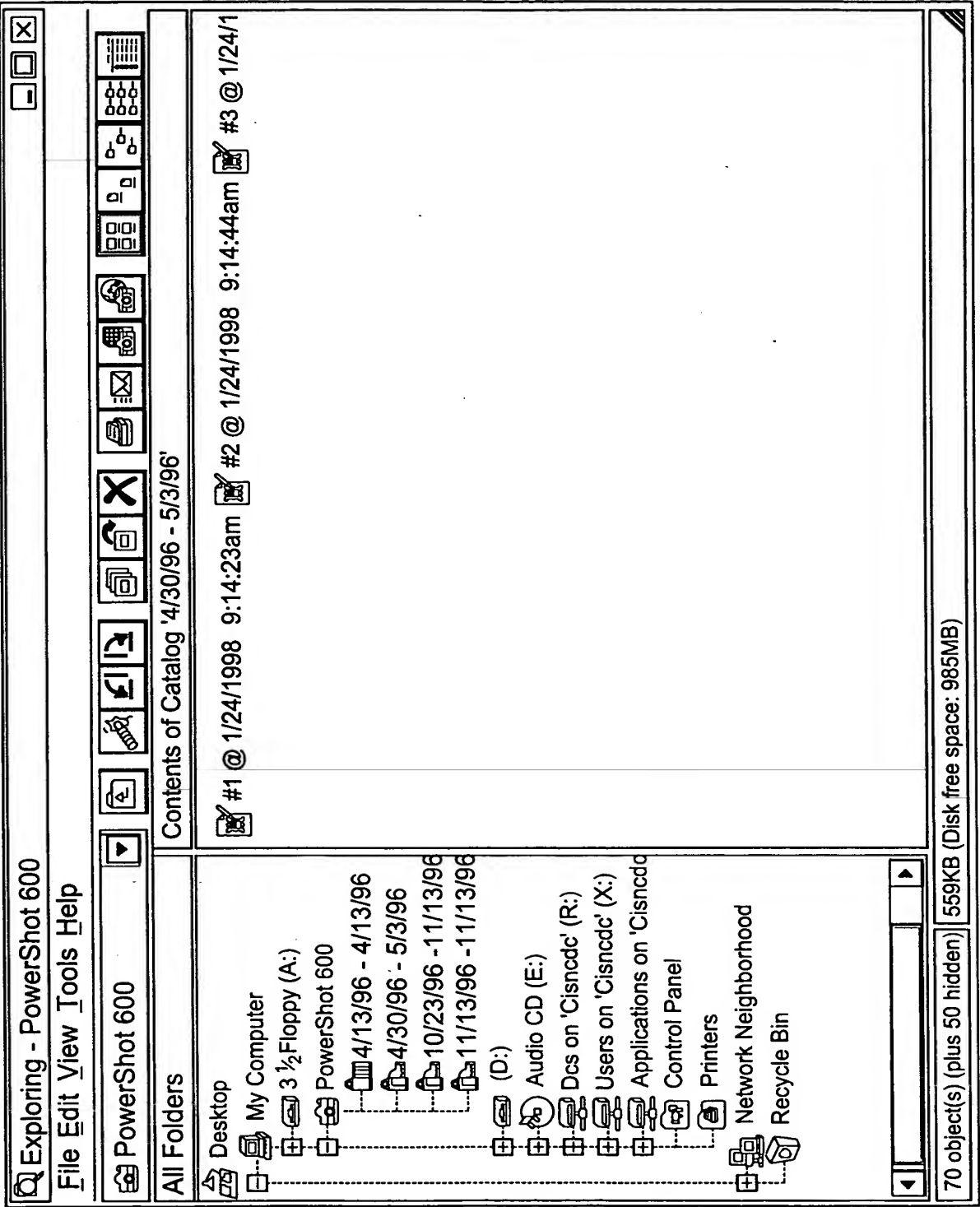


FIG. 45

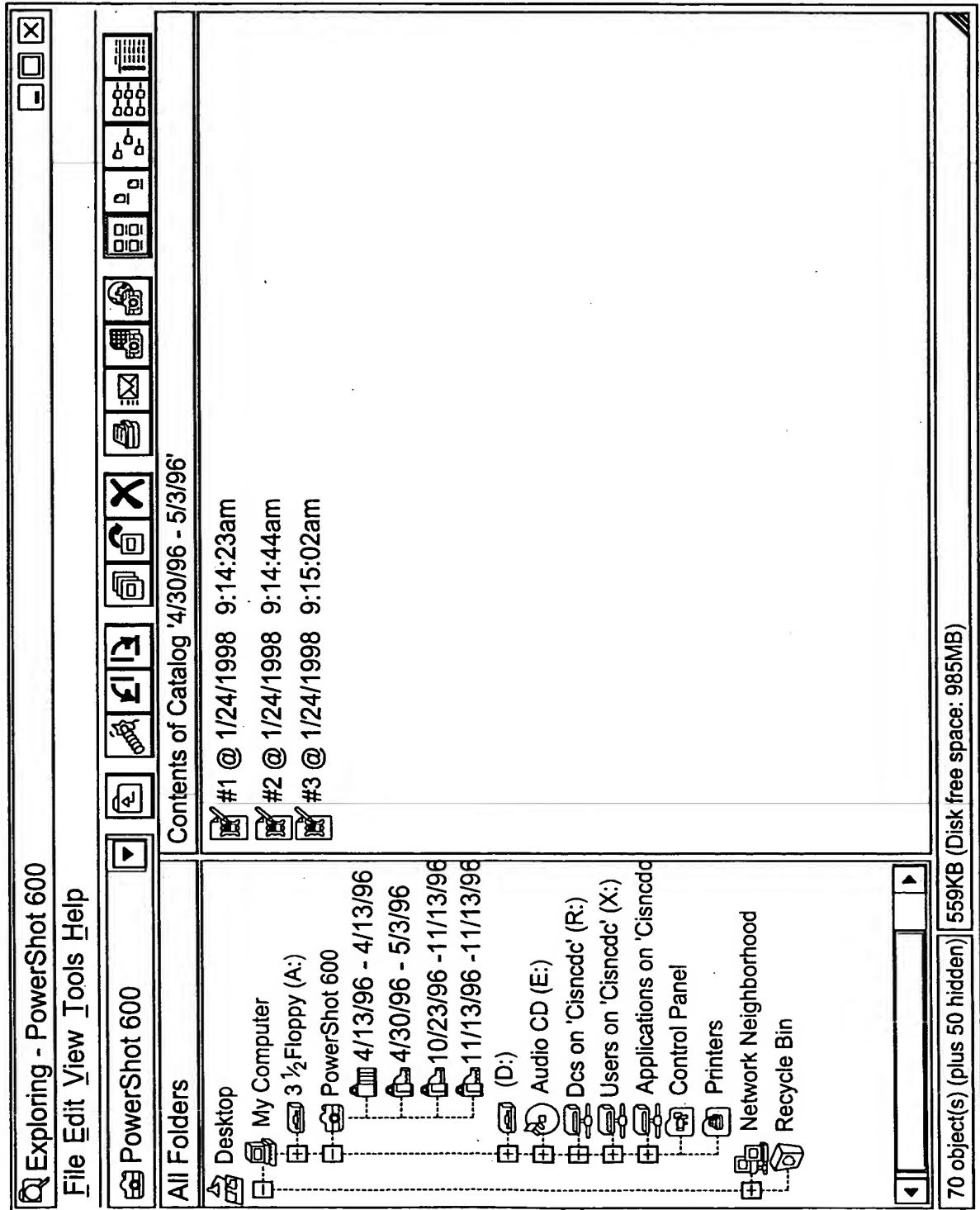


FIG. 46

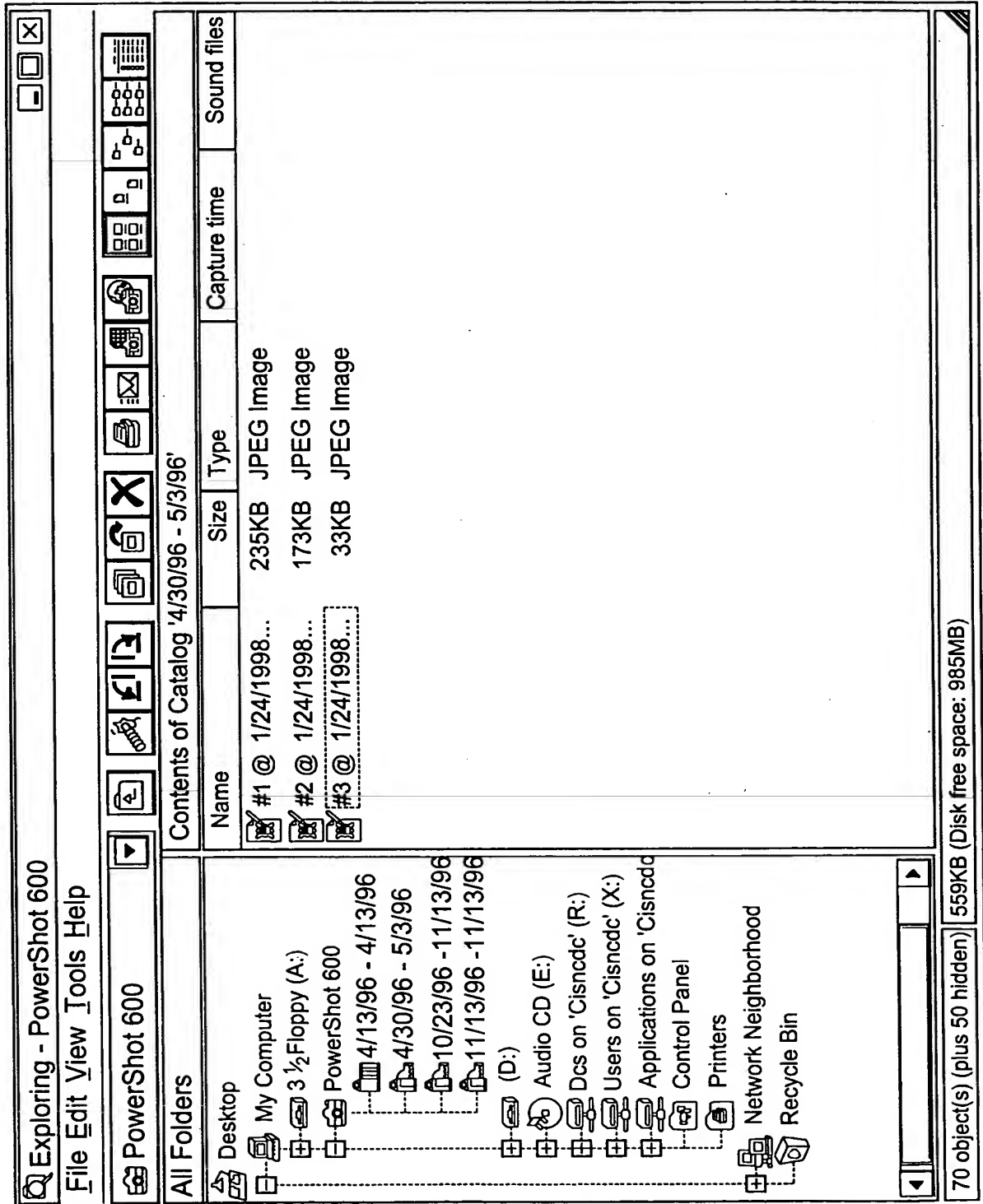


FIG. 47

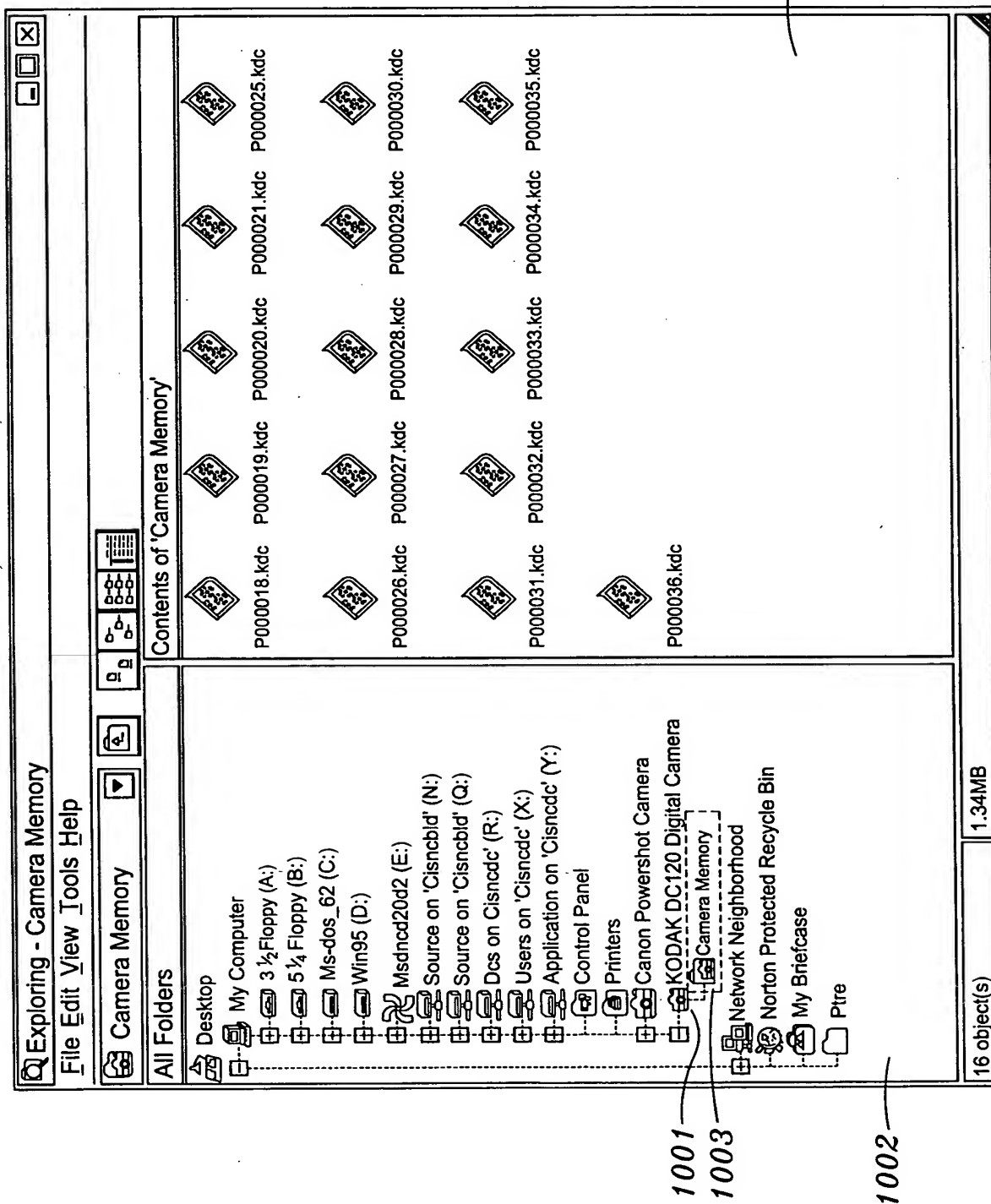


FIG. 48

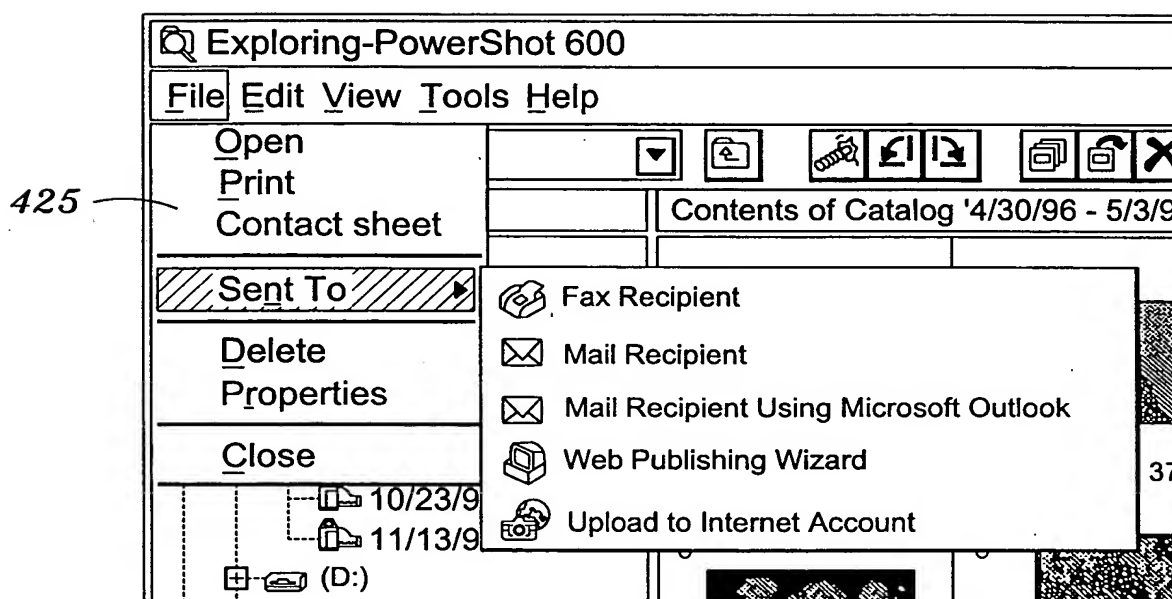


FIG. 49

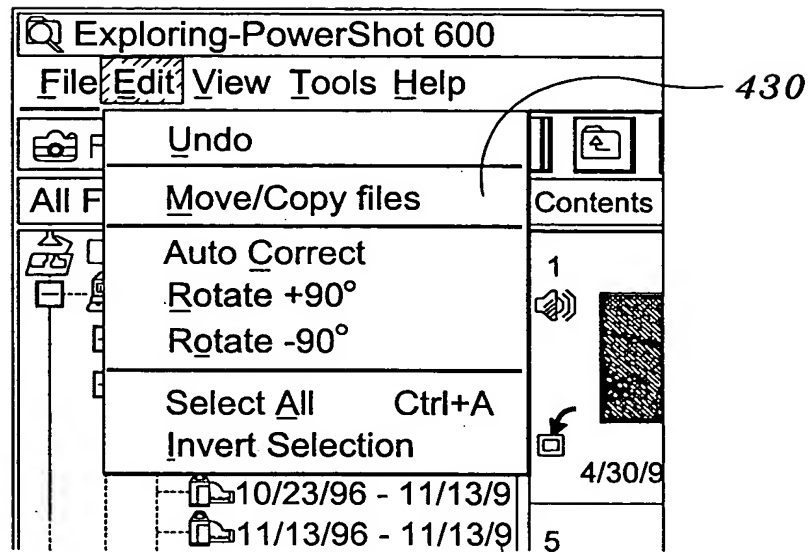


FIG. 50

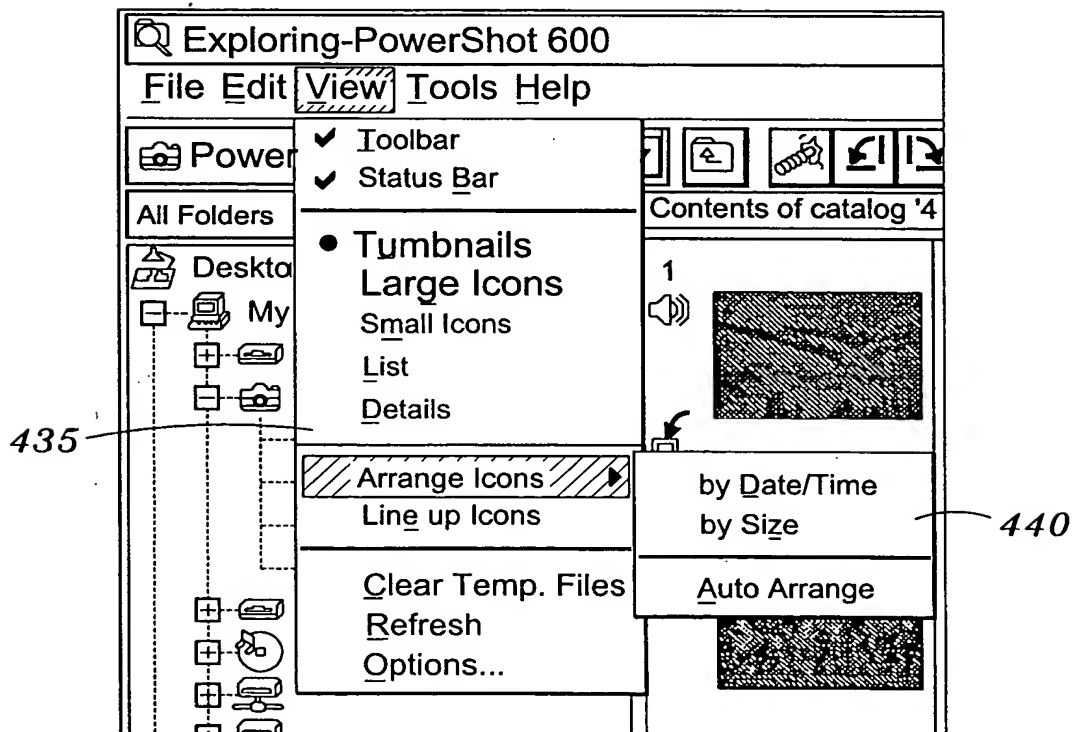


FIG. 51

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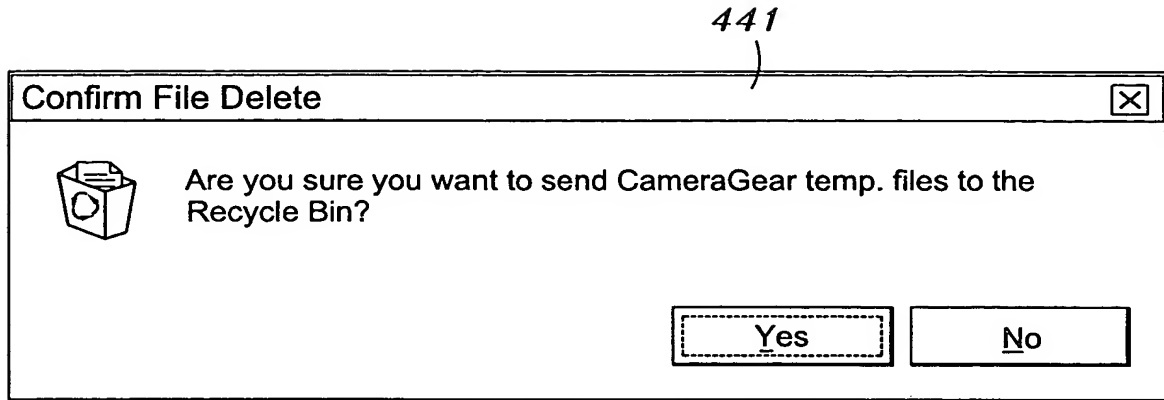


FIG. 52

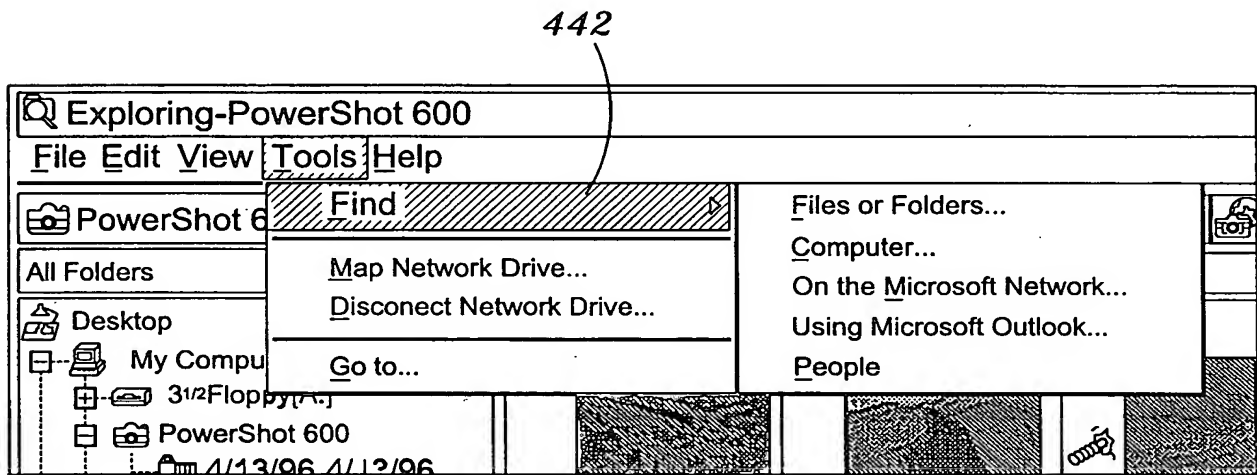


FIG. 53

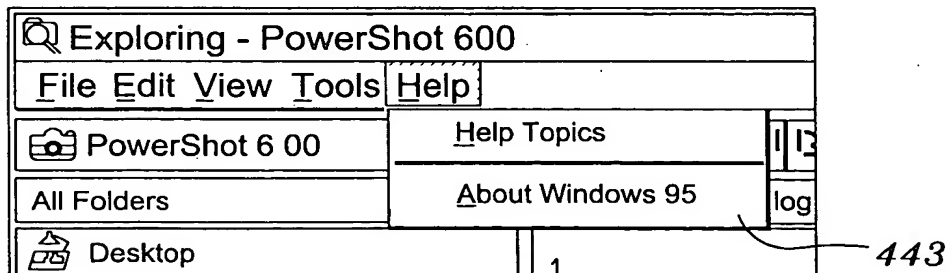


FIG. 54

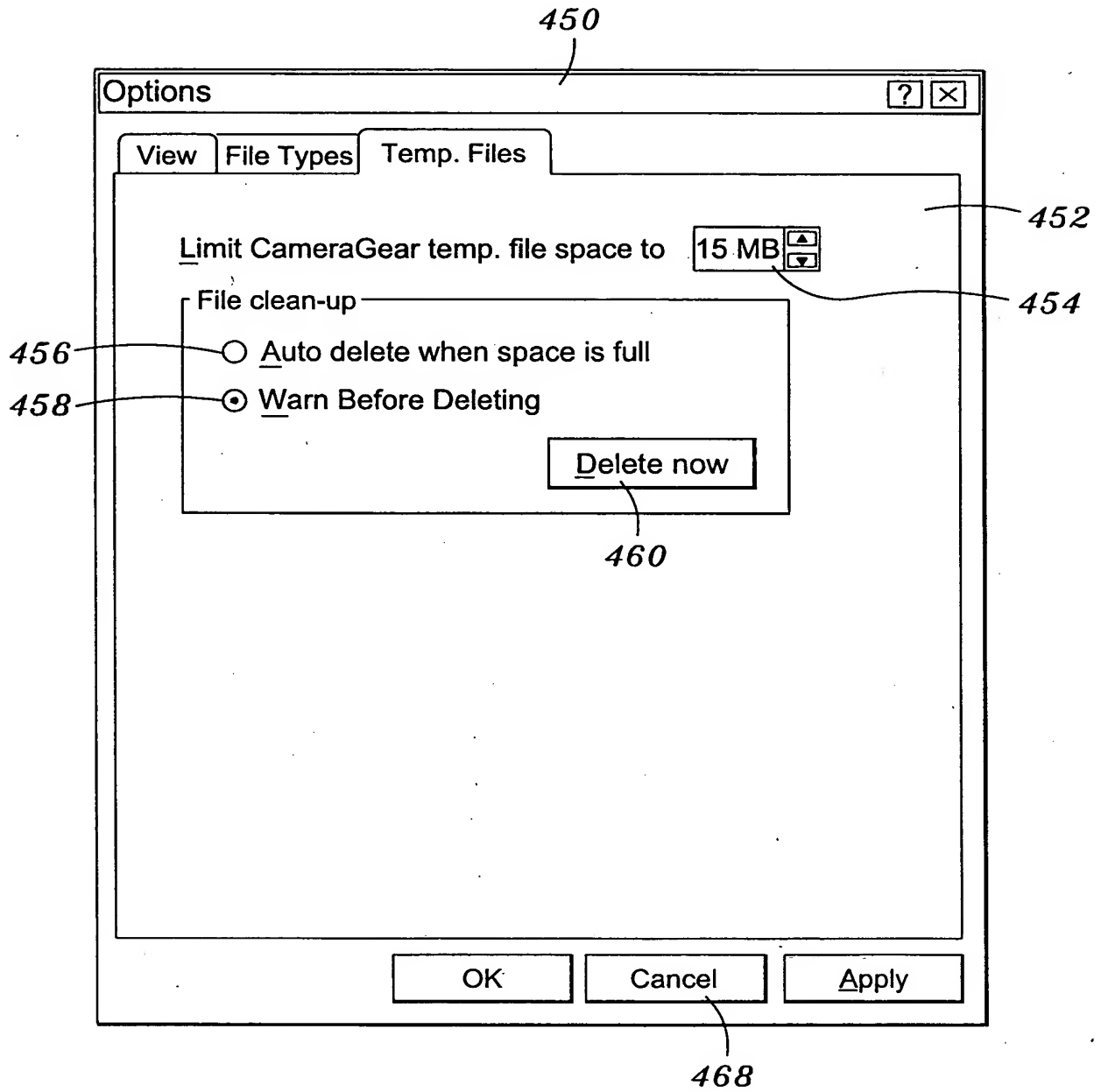


FIG. 55

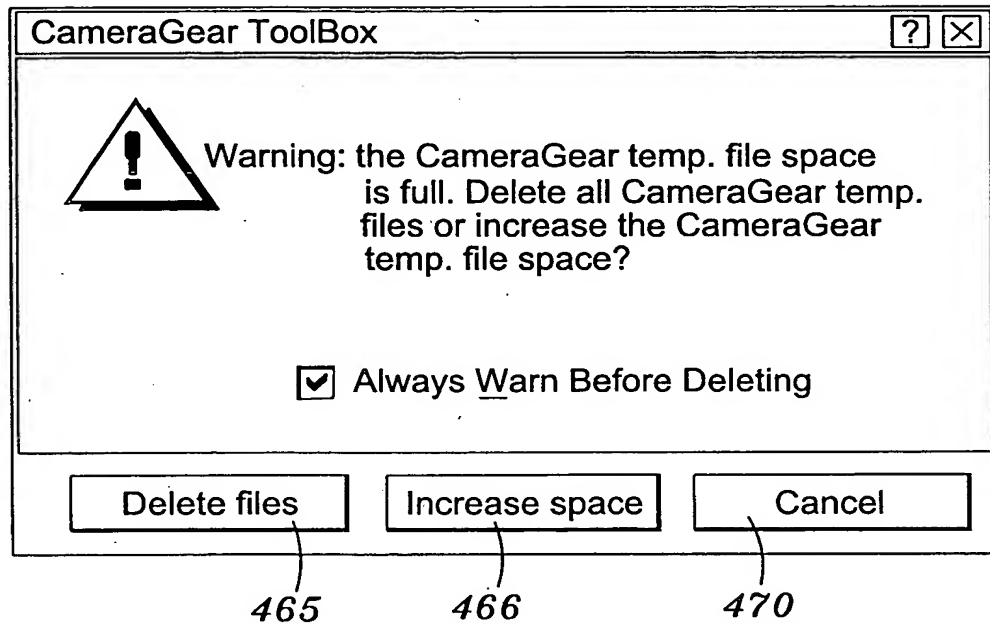


FIG. 56

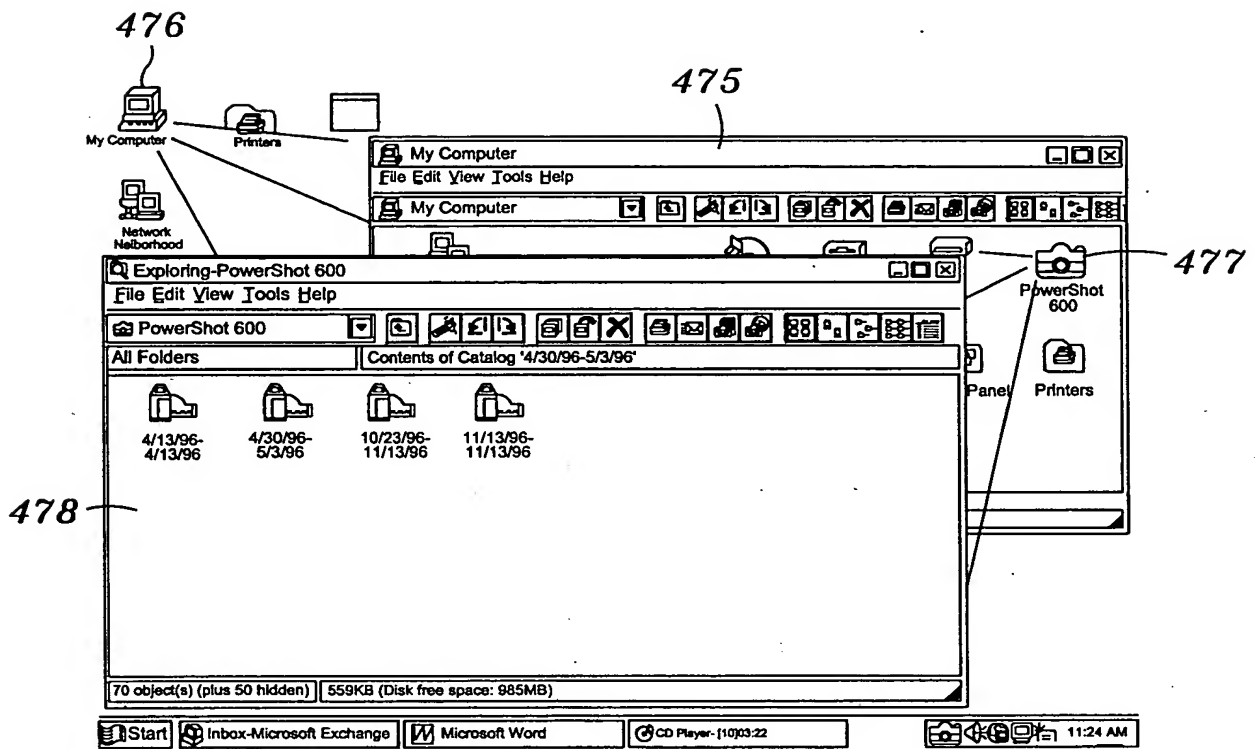


FIG. 57

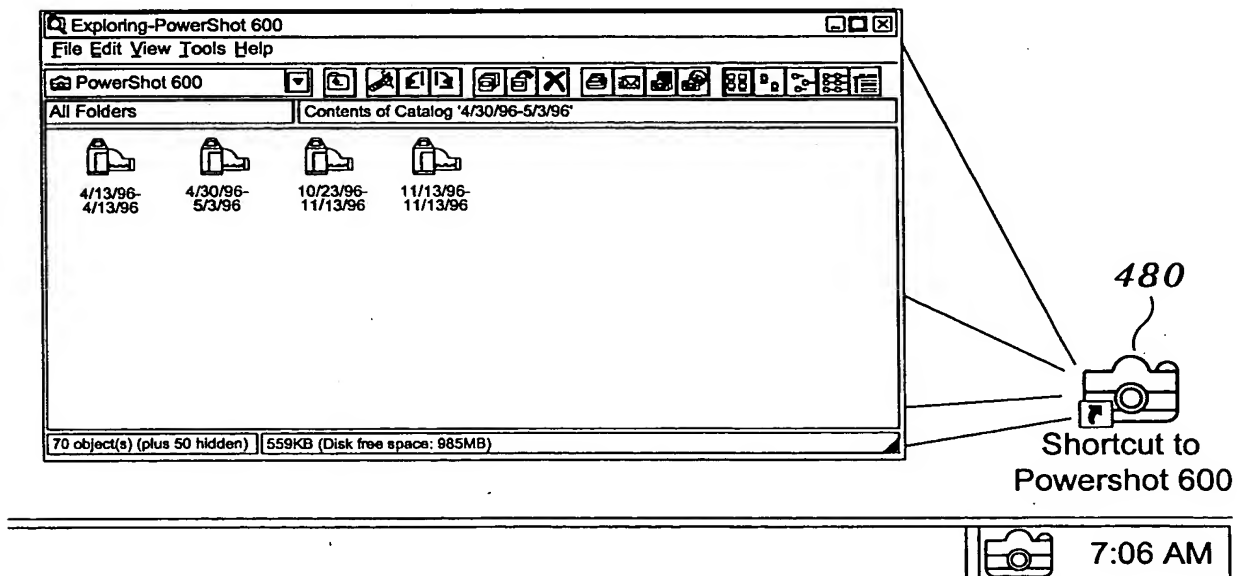


FIG. 58

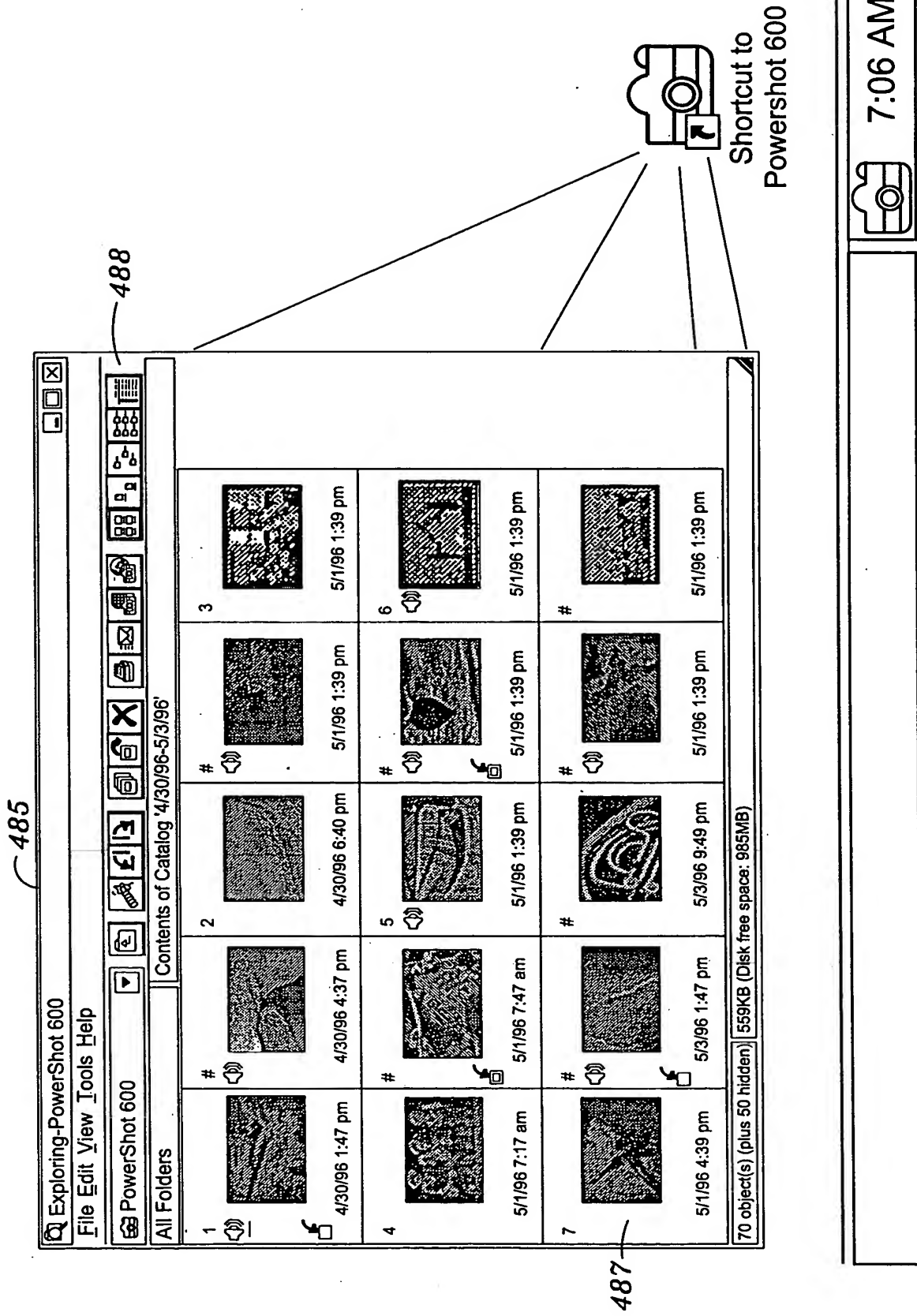


FIG. 59

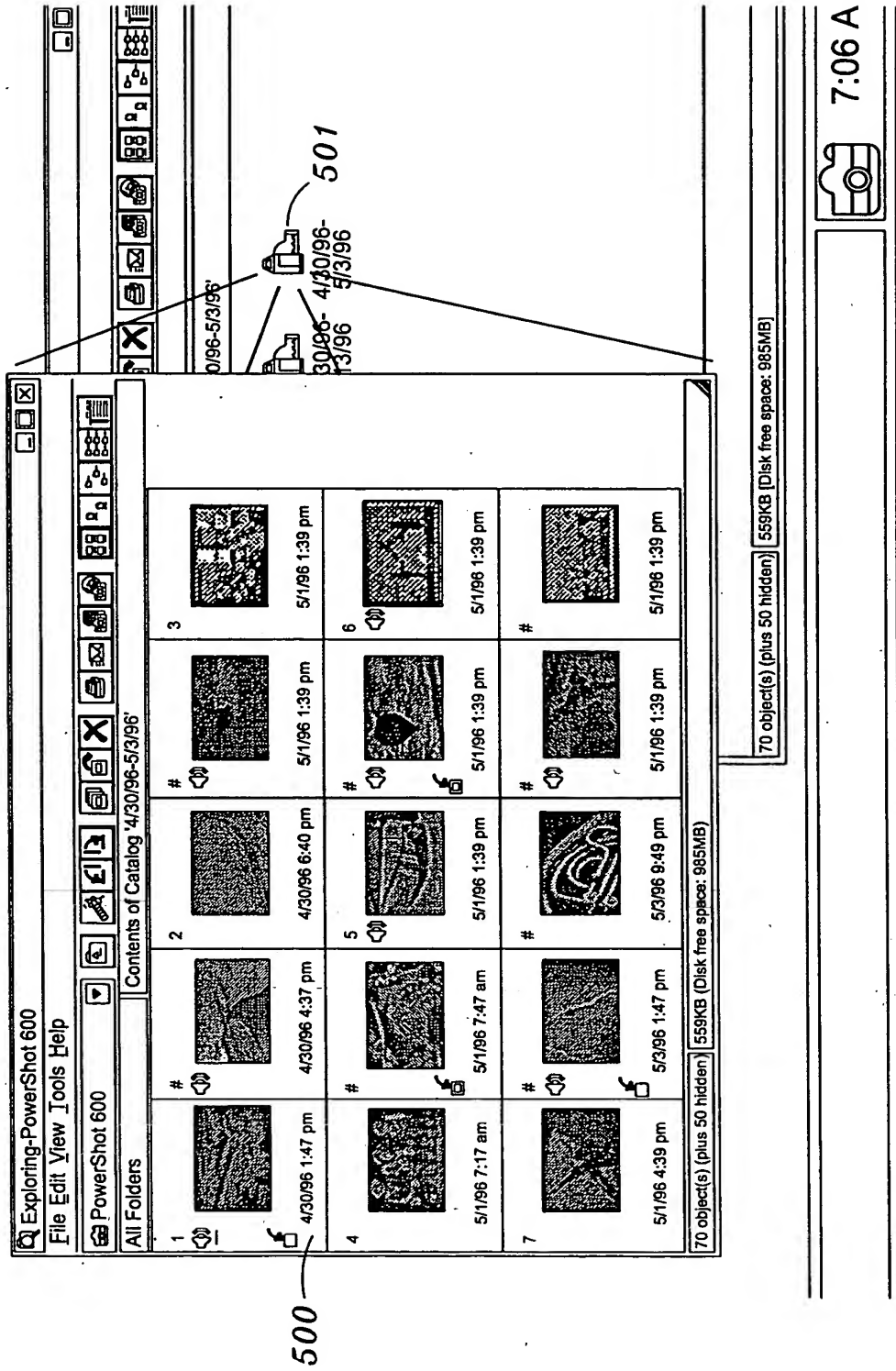


FIG. 60

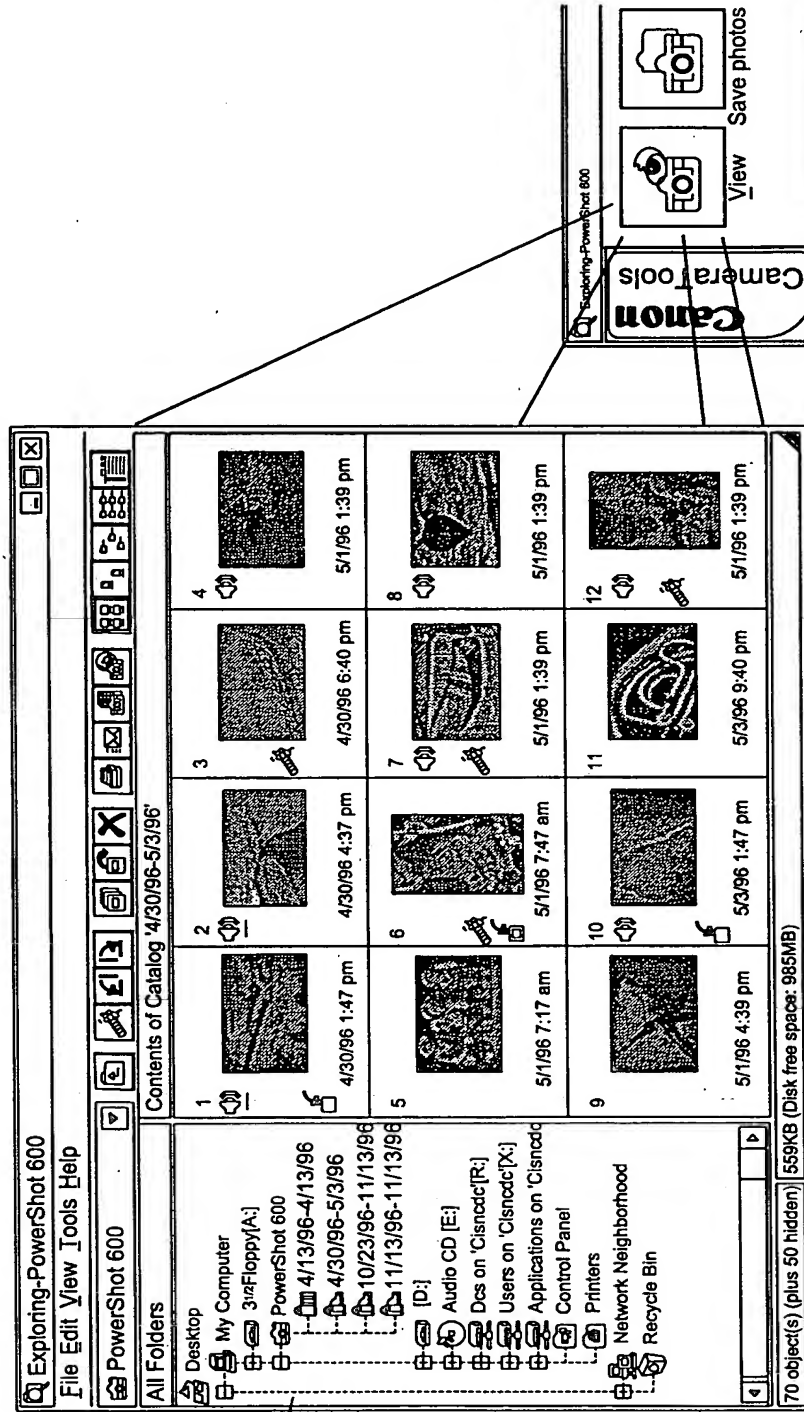


FIG. 61

To support Powershot camera and canister shell folders

IUnknown

IShellFolder

IPersist

IPersistFolder

IParseDisplayName

IOleContainer

IEnumIDList

To support the thumbnail view

IshellView

IOleWindow

IShellFolderViewCallback

To support the shortcut menu,

IContextMenu

To support the canister and camera icons

IExtractIcon

To support drag and drop

IDataObject

IDropSource

IEnumFormatEtc

FIG. 62

1.1 Class CCGFolder

```

// *** IUnknown methods ***
STDMETHODIMP QueryInterface(REFIID riid, LPVOID FAR* ppvObj);
STDMETHODIMP_(ULONG) AddRef(void);
STDMETHODIMP_(ULONG) Release(void);

// *** IParseDisplayName method ***
STDMETHODIMP ParseDisplayName(
    HWND hwndOwner,
    LPBC pbc,
    LPOLESTR IpszDisplayName,
    ULONG FAR* pcbEaten,
    LPITEMIDLIST * ppidl,
    ULONG *pdwAttributes);

// *** IOleContainer methods ***
STDMETHODIMP EnumObjects(
    HWND hwndOwner,
    DWORD grfFlags,
    LPENUMIDLIST * ppenumIDList);

// *** IShellFolder methods ***
STDMETHODIMP BindToObject(
    LPCITEMIDLIST pidl,
    LPBC pbc,
    REFIID riid,
    LPVOID FAR* ppvObj);
STDMETHODIMP BindToStorage(
    LPCITEMIDLIST pidl,
    LPBC pbc,
    REFIID riid,
    LPVOID FAR* ppObj);
STDMETHODIMP CompareIDs(
    LPARAM IParam,
    LPCITEMIDLIST pidl1,
    LPCITEMIDLIST pidl2);
STDMETHODIMP CreateViewObject(
    HWND hwndOwner,
    REFIID riid,
    LPVOID FAR* ppvObj);
STDMETHODIMP GetAttributesOf(
    UINT cidl,
    LPCITEMIDLIST FAR* apidl,
    ULONG FAR* rgflnOut);
STDMETHODIMP GetUObjectOf(
    HWND hwndOwner,
    UINT cidl,
    LPCITEMIDLIST FAR* apidl,
    REFIID riid,
    UNIT FAR* prgflnOut,
    LPVOID FAR* ppvObj);
STDMETHODIMP GetDisplayNameOf(
    LPCITEMIDLIST pidl,
    DWORD dwReserved,

```

FIG. 63a

FIG. 63

FIG. 63a

FIG. 63b

FIG. 63c

FIG. 63d

```

        LPSTRRET lpName);
STDMETHODIMP SetNameOf(
    HWND hwndOwner,
    LPCITEMIDLIST pidl,
    LPCOLESTR IpszName,
    DWORD dwReserved,
    LPITEMIDLIST FAR* ppidlOut);

// *** IPersist methods ***
STDMETHODIMP GetClassID(
    LPCLSID lpClassID);

// *** IPersistFolder methods ***
STDMETHODIMP Initialize(
    LPCITEMIDLIST pidl);

```

1.2 Class CEnumCGObjs

```

// *** IUnknown methods ***
STDMETHODIMP QueryInterface(REFIID riid, LPVOID *ppvObj);
STDMETHODIMP_(ULONG) AddRef();
STDMETHODIMP_(ULONG) Release();

// *** IEnumIDList methods ***
STDMETHODIMP Next(ULONG celt, LPITEMIDLIST *rgelt, ULONG *pceltFetched);
STDMETHODIMP Skip(ULONG celt);
STDMETHODIMP Reset();
STDMETHODIMP Clone(IEnumIDList **ppenum);

```

1.3 Class CSFView

```

STDMETHODIMP QueryInterface(REFIID riid, LPVOID *ppvObj);
STDMETHODIMP_(ULONG) AddRef();
STDMETHODIMP_(ULONG) Release();

// *** IOleWindow methods ***
STDMETHODIMP GetWindow(HWND *lphwnd);
STDMETHODIMP ContextSensitiveHelp(BOOL fEnterMode);

// *** IShellView methods ***
STDMETHODIMP TranslateAccelerator(LPMSG lpmsg);
STDMETHODIMP EnableModeless(BOOL fEnable);
STDMETHODIMP UIActivate(UINT uState);
STDMETHODIMP Refresh();
STDMETHODIMP CreateView Window(IShellView *lpPrevView, LPCFOLDERSETTINGS
lpfs, IShellBrowser *psb, RECT *prcView, HWND *phWnd);
STDMETHODIMP DestroyView Window();
STDMETHODIMP GetCurrentInfo(LPFOLDERSETTINGS lpfs);
STDMETHODIMP SaveViewState();
STDMETHODIMP SelectItem(LPCITEMIDLIST pidlItem, UINT uFlags);
STDMETHODIMP GetItemObject(UINT ulItem, REFIID riid, LPVOID *ppv);

```

FIG. 63b

1.4 Class CSFViewCallback

```
// *** IUnknown methods ***
STDMETHODIMP QueryInterface(REFIID riid, LPVOID *ppvObj);
STDMETHODIMP_(ULONG) AddRef();
STDMETHODIMP_(ULONG) Release();

// *** IShellFolderViewCallback methods ***
STDMETHODIMP Message(UINT uMsg, WPARAM wParam, LPARAM lParam);
```

1.5 Class CCGItemMenu

```
// *** IUnknown methods ***
STDMETHODIMP QueryInterface(REFIID riid, LPVOID *ppvObj);
STDMETHODIMP_(ULONG) AddRef();
STDMETHODIMP_(ULONG) Release();

// *** IContextMenu methods ***
STDMETHODIMP QueryContextMenu(HMENU hmenu, UINT indexMenu, UINT idCmdFirst,
UINT idCmdLast, UINT uFlags);
STDMETHODIMP InvokeCommand(LPCMINVOKECOMMANDINFO lpici);
STDMETHODIMP GetCommandString(UINT idCmd, UINT uType, UINT *pwReserved,
LPSTR pszName, UINT cchMax);
```

1.6 Class CCGExIcon

```
// *** IUnknown methods ***
STDMETHODIMP QueryInterface(REFIID riid, LPVOID* ppvObject);
STDMETHODIMP_(ULONG) AddRef();
STDMETHODIMP_(ULONG) Release();

// *** IExtractIcon methods ***
STDMETHODIMP GetIconLocation(UINT uFlags, LPSTR szIconFile, UINT cchMax, int*
piIndex, UINT* pwFlags);
STDMETHODIMP Extract(LPCSTR pszFile, UINT nIconIndex, HICON* phiconLarge, HICON
*phiconSmall, UINT nIconSize);
```

1.7 Class CCGObj

```
// *** IUnknown methods ***
STDMETHODIMP QueryInterface(REFIID riid, LPVOID *ppvObject);
STDMETHODIMP_(ULONG) AddRef();
STDMETHODIMP_(ULONG) Release();

// *** IDataObject methods ***
STDMETHODIMP GetData(FORMATETC *pformatetcIn, STGMEDIUM *pmedium);
STDMETHODIMP GetDataHere(FORMATETC *pformatetc, STGMEDIUM *pmedium);
STDMETHODIMP QueryGetData(FORMATETC* pformatetc);
STDMETHODIMP GetCanonicalFormatEtc(FORMATETC *pformatetcIn, FORMATETC
*pformatetcOut);
STDMETHODIMP SetData(FORMATETC *pformatetc, STGMEDIUM* pmedium, BOOL
fRelease);
```

FIG. 63c

```

STDMETHODIMP EnumFormatEtc(DWORD dwDirection, IEnumFORMATETC
**ppenumFormatEtc);
STDMETHODIMP DAdvise(FORMATETC *pformatetc, DWORD advf, IAdviseSink
*pAdvSink, DWORD* pdwConnection);
STDMETHODIMP DUnadvise(DWORD dwConnection);
STDMETHODIMP EnumDAdvise(IEnumSTATDATA **ppenumAdvise);

```

1.8 Class CSFVDropSource

```

// *** IUnknown methods ***
STDMETHODIMP QueryInterface(REFIID riid, LPVOID *ppvObj);
STDMETHODIMP_(ULONG) AddRef();
STDMETHODIMP_(ULONG) Release();

// *** IDropSource methods ***
STDMETHODIMP QueryContinueDrag(BOOL fEscapePressed, DWORD grfKeyState);
STDMETHODIMP GiveFeedback(DWORD dwEffect);

```

1.9 Class CObjFormats

```

// *** IUnknown methods ***
STDMETHODIMP QueryInterface(REFIID riid, LPVOID *ppvObj);
STDMETHODIMP_(ULONG) AddRef();
STDMETHODIMP_(ULONG) Release();

// *** IEnumFORMATETC methods ***
STDMETHODIMP Next(ULONG celt, FORMATETC *rgelt, ULONG *pceltFetched);
STDMETHODIMP Skip(ULONG celt);
STDMETHODIMP Reset();
STDMETHODIMP Clone(IEnumFORMATETC ** ppenum);

```

FIG. 63d

Registry Keys for the Canon Powershot Camera Object and the Powershot Canister Object



FIG. 64

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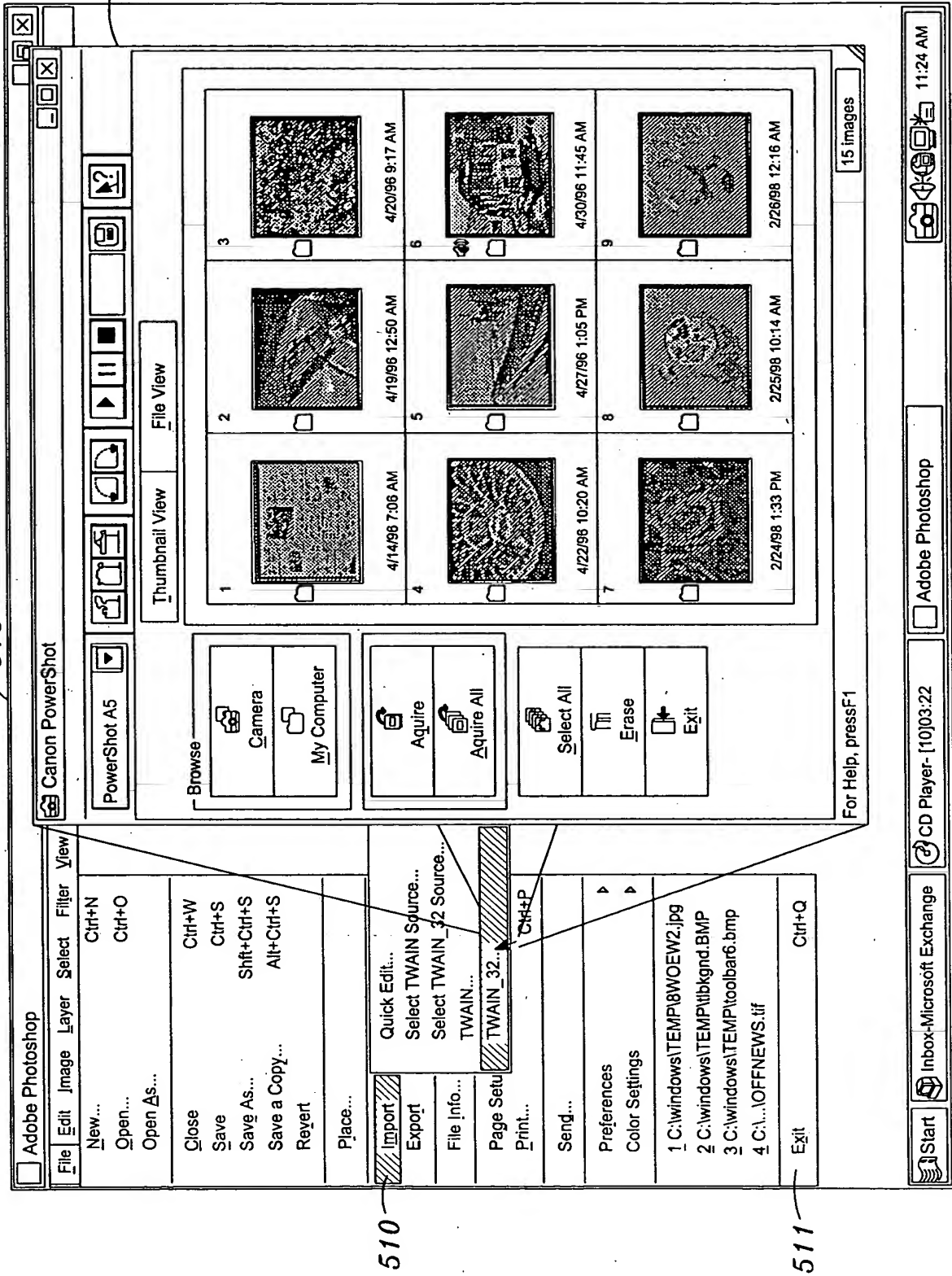


FIG. 65